



**Bureau of Laboratory Quality Standards
Ministry of Public Health**

This is to certify that

**The laboratory of
Central Laboratory (Thailand) Co., Ltd.
Bangkok Branch**

**2179 Phaholyothin Road, Lat Yao, Chatuchak,
Bangkok 10900, Thailand**

has been accepted as an
accredited laboratory complying with the ISO/IEC 17025:2017
and the requirements of the Bureau of Laboratory Quality Standards

The laboratory has been accredited for specific tests
listed in the scope within the field of

Food, Feeding Stuffs, Fertilizer and Herbal Products Testing



(Mr. Surasak Muenphon)

Director of Bureau of Laboratory Quality Standards

Date of Accreditation : 22 May 2026

Valid Until : 21 May 2030

Accreditation Number 1051/47

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method
1.	Vegetable and fruit (fresh, chilled, frozen) exclude fruits with high fat content such as durian	Pesticide residues Organochlorine group 1. aldrin 2. alpha-BHC 3. alpha-chlordane 4. alpha-endosulfan 5. beta-BHC 6. beta-endosulfan 7. dieldrin 8. endosulfan sulfate 9. endrin 10. gamma-BHC (lindane) 11. gamma-chlordane 12. heptachlor 13. heptachlor-epoxide 14. o,p'-TDE 15. o,p'-DDE 16. o,p'-DDT 17. p,p'-TDE 18. p,p'-DDT	In-house method TE-CH-030 based on Steinwandter, H. Universal 5 min On-Line Method for Extracting and Isolating Pesticide Residues and Industrial Chemicals, Fresenius Z Anal. Chem., 322 (1985). P.752-754

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No.	Type of Sample	Test	Method
1.	Vegetable and fruit (fresh, chilled, frozen) exclude fruits with high fat content such as durian	Pyrethroid group	In-house method TE-CH-030 based on Steinwandter, H. Universal 5 min
		19. bifenthrin 20. lambda-cyhalothrin 21. permethrin 22. cyfluthrin 23. cypermethrin 24. fenvalerate 25. deltamethrin	On-Line Method for Extracting and Isolating Pesticide Residues and Industrial Chemicals, Fresenius Z Anal. Chem., 322 (1985). P.752-754
		Organophosphate group	In-house method TE-CH-031 based on Steinwandter, H. Universal 5 min
		26. azinphos-ethyl 27. chlorpyrifos 28. diazinon 29. dichlorvos (DDVP) 30. dicotophos 31. dimethoate 32. EPN 33. ethion 34. fenitrothion 35. malathion 36. methamidophos 37. methidathion	On-Line Method for Extracting and Isolating Pesticide Residues and Industrial Chemicals, Fresenius Z Anal. Chem., 322 (1985). P.752-754

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No.	Type of Sample	Test	Method		
1.	Vegetable and fruit (fresh, chilled, frozen) exclude fruits with high fat content such as durian	Organophosphate group	In-house method TE-CH-031 based on Steinwandter, H. Universal 5 min On-Line Method for Extracting and Isolating Pesticide Residues and Industrial Chemicals, Fresenius Z Anal. Chem., 322 (1985). P.752-754		
		38. mevinphos			
		39. monocrotophos			
		40. omethoate			
		41. parathion			
		42. parathion-methyl			
		43. phosalone			
		44. pirimiphos-ethyl			
		45. pirimiphos-methyl			
		46. profenofos			
		47. prothiofos			
		48. triazophos			
				Carbamate group	In-house method TE-CH-032 based on Steinwandter, H. Universal 5 min On-Line Method for Extracting and Isolating Pesticide Residues and Industrial Chemicals, Fresenius Z Anal. Chem., 322 (1985). P.752-754
		49. aldicarb			
		50. aldicarb sulfone			
51. aldicarb sulfoxide					
52. carbaryl					
53. carbofuran					
54. carbofuran-3-hydroxy					
55. fenobucarb					
56. isoprocarb					
57. methiocarb					

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No.	Type of Sample	Test	Method
1.	Vegetable and fruit (fresh, chilled, frozen) exclude fruits with high fat content such as durian	Carbamate group 58. methiocarb sulfone 59. methiocarb sulfoxide 60. methomyl 61. metolcarb 62. oxamyl 63. promecarb 64. thiodicarb	In-house method TE-CH-032 based on Steinwandter, H. Universal 5 min On-Line Method for Extracting and Isolating Pesticide Residues and Industrial Chemicals, Fresenius Z Anal. Chem., 322 (1985). P.752-754
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 65. acetochlor 66. alachlor 67. aldrin * 68. ametryn 69. anilofos * 70. atrazine 71. azaconazole 72. azinphos-ethyl 73. bifenthrin 74. bitertanol 75. bixafen 76. boscalid 77. bromfeninfos	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 78. bromophos-ethyl 79. bromophos-methyl 80. bromopropylate 81. bupirimate * 82. buprofezin 83. cadusafos 84. carbophenothion * 85. carbophenothion-methyl * 86. cis-chlordane 87. trans-chlordane 88. chlordimeform * 89. chlorfenapyr 90. chlorfenvinphos 91. chlorobenzilate 92. chlorpropham 93. chlorpyrifos 94. chlorpyrifos-methyl 95. chlorthal-dimethyl 96. chlorthiophos 97. clomazone	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 98. coumaphos 99. crufomate 100. cyanofenphos 101. cyanophos 102. cyflufenamid 103. cyhalofop-butyl 104. cyproconazole 105. cyprodinil 106. o,p'-DDD 107. p,p'-DDD 108. o,p'- DDE 109. p,p'- DDE 110. o,p'- DDT 111. p,p'- DDT 112. diazinon 113. dicloran 114. o,p'-dicofol 115. dicrotophos * 116. dieldrin 117. difenoconazole * 118. diflufenican	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 119. dimethachlor 120. dimethenamid 121. dimethoate ⁽¹⁾ 122. dimethomorph 123. dimethylvinphos 124. diniconazole 125. dioxabenzofos 126. disulfoton 127. disulfoton sulfoxide 128. edifenphos 129. alpha-endosulfan 130. endosulfan sulfate 131. endrin 132. endrin-ketone 133. EPN 134. epoxiconazole 135. ethion 136. ethofenprox 137. ethoprophos 138. etoxazole 139. etrimfos	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 140. fenamidone 141. fenamiphos * 142. fenarimol 143. fenazaquin 144. fenbuconazole 145. fenchlorphos 146. fenchlorphos oxon 147. fenitrothion 148. fenpropathrin 149. fenpropimorph 150. fenson 151. fenthion 152. fenthion sulfone * 153. fluazifop-P-butyl 154. flutolanil 155. flutriafol 156. fonofos 157. furalaxyl 158. haloxyfop-methyl 159. alpha-HCH 160. beta-HCH	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 161. heptachlor 162. cis-heptachlor epoxide 163. trans-heptachlor epoxide 164. heptenophos 165. iodofenphos 166. isazofos 167. isobenzam 168. isocarbophos 169. isodrin 170. isofenphos 171. isofenphos-methyl 172. isoprothiolane 173. isopyrazam 174. kresoxim-methyl 175. lenacil 176. leptophos 177. lindane 178. malathion 179. mepanipyrim 180. metalaxyl 181. metazachlor	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 182. methidathion 183. methoxychlor 184. metolachlor 185. metrafenone 186. metribuzin 187. mirex * 188. myclobutanil 189. nitrofen 190. oxadiazon 191. oxadixyl 192. paclobutrazole 193. parathion 194. parathion-methyl 195. penconazole 196. pentanochlor 197. permethrins 198. phenthoate 199. 2-phenylphenol 200. phthalide 201. picoxystrobin 202. piperonyl butoxide	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 203. pirimicarb 204. pirimiphos-ethyl 205. pirimiphos-methyl 206. pretilachlor 207. profenofos 208. profluralin 209. prometon 210. prometryn 211. propachlor 212. propanil 213. propazine 214. propetamphos 215. propoxur 216. propyzamide 217. prothiofos 218. prothoate 219. pyraflufen-ethyl 220. pyrazophos 221. pyridaben 222. pyridalyl ⁽¹⁾ 223. pyridaphenthion	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 224. pyrimethanil 225. quinalphos 226. quinoxifen 227. quintozene 228. pentachlorothioanisol * 229. quizalofop-P-ethyl 230. secbumeton * 231. simazine 232. spiromesifen 233. sulprofos 234. tefluthrin 235. terbufos 236. terbumeton 237. terbuthylazine 238. tetrachlorvinphos * 239. tetraconazole 240. tetradifon * 241. tetrasul * 242. thifluzamide 243. tolclofos-methyl 244. tolfenpyrad	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 245. triadimefon 246. triadimenol 247. triazophos 248. triclopyr-butotyl 249. trietazine 250. trifloxystrobin 251. trifluralin 252. trimethacarb 253. triticonazole 254. uniconazole-P	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique
		Pesticide residues 255. abarmectin 256. acephate 257. acetamiprid 258. acetochlor 259. acrinathrin 260. alachlor 261. aldicarb 262. aldicarb sulfone 263. aldicarb sulfoxide 264. allethrin	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 265. ametoctradin 266. ametryn 267. amicarbazone 268. aminocarb 269. anilofos 270. aramite 271. atrazine 272. azaconazole 273. azamethiphos 274. azinphos-ethyl 275. azinphos-methyl 276. azoxystrobin 277. benalaxyl 278. bendiocarb 279. bensulide 280. bixafen 281. bixafen-desmethyl 282. boscalid 283. bromacil 284. bromfenvinphos 285. bromuconazole	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 286. bupirimate 287. buprofezin 288. butachlor 289. butralin 290. cadusafos 291. carbaryl 292. carbendazim 293. carbetamide 294. carbofuran 295. carbofuran-3-hydroxy 296. carbophenothion 297. carboxin 298. oxycarboxin 299. carfentrazone-ethyl 300. chlorantraniliprole 301. chlorbromuron 302. chlordimeform 303. chlorfenvinphos 304. chlorfluazuron 305. chloridazon 306. chlorotoluron	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 307. chloroxuron 308. chlorpyrifos 309. chlorpyrifos-methyl 310. chlorthiophos 311. chromafenozide 312. clofentezine 313. clomazone 314. clothianidin 315. coumaphos 316. crufomate 317. cyanazine 318. cyanofenphos 319. cyantraniliprole 320. cyazofamid 321. cycluron 322. cyflufenamid 323. cyflumetofen 324. cymoxanil 325. cyproconazole 326. cyprodinil 327. cythioate	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 328. daimuron 329. demeton 330. dialifos 331. diazinon 332. dichlorfenthion 333. dicrotophos 334. diethofencarb 335. difenoconazole 336. diflubenzuron 337. diflufenican 338. dimethachlor 339. dimethenamid 340. dimethipin 341. dimethoate ⁽²⁾ 342. dimethomorph 343. dimethylvinphos 344. dimoxystrobin 345. diniconazole 346. dinotefuran 347. dioxathion 348. diphenamid	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 349. disulfoton 350. disulfoton sulfone 351. disulfoton sulfoxide 352. diuron 353. DMST 354. edifenphos 355. emamectin benzoate 356. EPN 357. epoxiconazole 358. ethiofencarb 359. ethiofencarb sulfone 360. ethiofencarb sulfoxide 361. ethion 362. ethiprole 363. ethiprole sulfone 364. ethirimol 365. ethofumesate 366. ethoprophos 367. etofenprox 368. etoxazole 369. etrimfos	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 370. famoxadone 371. fenamidone 372. fenamiphos 373. fenamiphos sulfone 374. fenamiphos sulfoxide 375. fenarimol 376. fenbuconazole 377. fenhexamid 378. fenobucarb 379. fenothiocarb 380. fenoxaprop-P-ethyl 381. fenoxycarb 382. fenciclonil 383. fencicoxamid 384. fenpropathrin 385. fenpropidin * 386. fenpropimorph 387. fenpyrazamine 388. fenpyroximate 389. fensulfothion 390. fenthion	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 391. fenthion oxon 392. fenthion oxon sulfone 393. fenthion oxon sulfoxide 394. fenthion sulfoxide 395. fipronil 396. fipronil sulfone 397. flonicamid 398. fluazifop-P-butyl 399. fluazinam 400. flubendiamide 401. fludioxonil 402. flufenacet 403. flufenoxuron 404. flumioxazin 405. fluometuron 406. fluopicolide 407. fluopyram 408. fluopyram-benzamide 409. flupyradifurone	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 410. fluquinconazole 411. fluridone 412. flurochloridone 413. flurtamone 414. flusilazole 415. flutolanil 416. flutriafol 417. tau-fluvalinate 418. fluxapyroxad 419. fonofos 420. formetanate * 421. fosthiazate 422. furalaxyl 423. furathiocarb 424. haloxyfop-methyl 425. heptenophos 426. hexaconazole 427. hexaflumuron 428. hexazinone 429. hexythiazox 430. imibenconazole	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 431. imidacloprid 432. indaziflam 433. indoxacarb 434. ipconazole 435. iprodione 436. iprovalicarb 437. isazofos 438. isofenphos 439. isofenphos-methyl 440. isoprocarb 441. isoprothiolane 442. isoproturon 443. isopyrazam 444. isoxaflutole 445. kresoxim-methyl 446. lenacil 447. linuron 448. lufenuron 449. malaoxon 450. malathion 451. mandipropamid	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 452. mecarbam 453. mefenacet 454. mepanipirim 455. mephosfolan 456. metalaxyl 457. metazachlor 458. metconazole 459. methacrifos 460. methamidophos 461. methidathion 462. methiocarb 463. methomyl 464. methoxyfenozide 465. metobromuron 466. metolachlor 467. metolcarb 468. metoxuron 469. metrafenone 470. metribuzin 471. molinate 472. monocrotophos	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 473. monolinuron 474. myclobutanil 475. novaluron 476. ofurace 477. omethoate 478. oxadiazon 479. oxadixyl 480. oxamyl 481. oxathiapiprolin 482. oxaziclomefone 483. oxydemeton-methyl 484. demeton-S-methyl 485. demeton-S-methyl sulfone 486. paclobutrazole 487. paraoxon-ethyl 488. parathion 489. penconazole 490. pencycuron 491. pendimethalin 492. penflufen	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 493. penthiopyrad 494. pethoxamid 495. phenmedipham * 496. phenothrin 497. phenthoate 498. phorate 499. phorate sulfone 500. phorate sulfoxide 501. phosalone 502. phosfolan 503. phosmet 504. phosmet oxon 505. phosphamidon 506. phoxim 507. picolinafen 508. picoxystrobin 509. piperonyl butoxide 510. pirimicarb 511. pirimicarb-desmethyl 512. pirimicarb-desmethyl formamido	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 513. pirimiphos-ethyl 514. pirimiphos-methyl 515. pretilachlor 516. prochloraz 517. procymidone 518. profenofos 519. promecarb 520. prometon 521. prometryn 522. propachlor 523. propamocarb * 524. propanil 525. propaphos 526. propaquizafop 527. propargite 528. propazine 529. propetamphos 530. propham 531. propiconazole 532. propyzamide 533. proquinazid	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 534. prosulfocarb 535. prothiofos 536. prothoate 537. pyraclofos 538. pyraclostrobin 539. pyraflufen-ethyl 540. pyrazophos 541. pyrethrins 542. pyribenzoxim 543. pyridaben 544. pyridaphenthion 545. pyridalyl * 546. pyrifenox 547. pyrimethanil 548. pyriofenone 549. pyriproxyfen 550. quinalphos 551. quinoclamine 552. quinoxifen 553. quizalofop-methyl 554. quizalofop-P-ethyl	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 555. rotenone 556. sebumeton 557. sethoxydim 558. silthiofam 559. simazine 560. simeconazole 561. spinetoram 562. spinosad 563. spiroadiclofen 564. spiromesifen 565. spiroxamine * 566. sulfotep 567. sulfoxaflor 568. sulprofos 569. tebuconazole 570. tebufenozide 571. tebufenpyrad 572. tebupirimfos 573. teflubenzuron 574. temephos	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 575. terbufos 576. terbufos sulfone 577. terbufos sulfoxide 578. terbumeton 579. terbuthylazine 580. terbutryn 581. tetrachlorvinphos 582. tetraconazole 583. tetramethrin 584. thiabendazole 585. thiacloprid 586. thiamethoxam 587. thiazafluron 588. thifluzamide 589. thiobencarb 590. thiofanox 591. thiofanox sulfone 592. thiofanox sulfoxide 593. thiometon 594. tolclofos-methyl	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	<ul style="list-style-type: none"> ● Vegetables and fruits (fresh, chilled, frozen) ● Rice 	Pesticide residues 595. tolfenpyrad 596. triadimefon 597. triadimenol 598. tri-allate 599. triazophos 600. trichlorfon 601. triclopyr-butotyl 602. tricyclazole 603. trietazine 604. trifloxystrobin 605. triflumizole 606. triflumuron 607. trimethacarb 608. triticonazole 609. uniconazole-P 610. valifenalate 611. vamidothion 612. zoxamide	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method
3.	Vegetables and fruits (fresh, chilled, frozen)	Pesticide residues 613. bromuconazole 614. terbutryn	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique
		Pesticide residues 615. difenoconazole-alcohol 616. dinoterb * 617. formothion * 618. methiocarb sulfone 619. methiocarb sulfoxide 620. paraoxon-methyl 621. phthalide 622. pinoxaden 623. prothioconazole-desthio 624. sedaxane 625. silafluofen 626. spirotetramat 627. terbacil 628. thiodicarb 629. tolylfluanid *	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method
3.	Vegetables and fruits (fresh, chilled, frozen)	Pesticide residues 630. aldrin 631. azinphos-methyl * 632. cyfluthrin 633. lambda-cyhalothrin 634. cypermethrin 635. deltamethrin 636. dichlorvos 637. dimethoate 638. o,p-dicofol 639. p,p-dicofol 640. beta-endosulfan 641. fenvalerate 642. delta-HCH 643. hexachlorobenzene (HCB) 644. methamidophos 645. mevinphos 646. monocrotophos 647. omethoate 648. phosalone 649. vinclozolin	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method
4.	Rice	Pesticide residues 650. aclonifen 651. azoxystrobin 652. bendiocarb 653. bromacil 654. butralin 655. carboxin 656. chinomethionate 657. chlorthion 658. chlozolate 659. cyfluthrin 660. lambda-cyhalothrin 661. cypermethrin 662. DEET 663. deltamethrin 664. dimethipin 665. dioxathion 666. disulfoton sulfone 667. ditalimfos 668. beta-endosulfan 669. ethiofencarb 670. ethoxyquin	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method
4.	Rice	Pesticide residues 671. fenoxaprop-P-ethyl 672. fenthion sulfoxide 673. fenvalerate 674. flucythrinate 675. formothion 676. delta-HCH 677. hexazinone 678. malaoxon 679. methamidophos 680. mevinphos 681. nicotine 682. ofurace 683. omethoate 684. oxydemeton-methyl 685. phorate 686. phosalone 687. phosmet 688. phosphamidon 689. picolinafen 690. procymidone 691. pyriproxyfen	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method
4.	Rice	Pesticide residues 692. simeconazole 693. sulfotep 694. tebupirimfos 695. tetramethrin 696. thiometon 697. vinclozolin	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique
		Pesticide residues 698. aclonifen 699. bentazone 700. bifenazate 701. bifenazate-diazene 702. camphechlor 703. cycloxydim 704. DEET 705. diafenthiuron 706. dichlorvos 707. ethoxyquin 708. fenazaquin 709. HEMA 710. imazalil 711. metaflumizone	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method
4.	Rice	Pesticide residues 712. profoxydim 713. resmethrin 714. sulfentrazone 715. tepraloxym 716. thidiazuron 717. thiophanate-ethyl 718. triazoxide 719. tritosulfuron	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique
5.	<ul style="list-style-type: none"> ● Potable water * ● Non-Potable water * (except natural water and surface water) ● Mineral water ● Ice 	Pesticide residues Organochlorine group 720. aldrin 721. alpha-BHC 722. alpha-chlordane 723. alpha-endosulfan 724. beta-BHC 725. beta-endosulfan 726. delta-BHC 727. dieldrin 728. endosulfan sulfate 729. endrin 730. gamma-BHC (lindane)	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/ μ ECD Technique

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method	
5.	<ul style="list-style-type: none"> ● Potable water * ● Non-Potable water * (except natural water and surface water) ● Mineral water ● Ice 	Organochlorine group	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/ μ ECD Technique	
		731. gamma-chlordane		
		732. heptachlor		
		733. heptachlor-epoxide		
		734. hexachlorobenzene (HCB)		
		735. o,p'-TDE		
		736. o,p'-DDE		
		737. o,p'-DDT		
		738. p,p'-TDE		
		739. p,p'-DDE		
		740. p,p'-DDT		
		Pyrethroid group		In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/ μ ECD Technique
		741. bifenthrin		
		742. cyfluthrin		
743. cypermethrin				
744. deltamethrin				
745. fenvalerate				
746. lambda-cyhalothrin				

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No.	Type of Sample	Test	Method
5.	<ul style="list-style-type: none"> ● Potable water * ● Non-Potable water * (except natural water and surface water) ● Mineral water ● Ice 	Organophosphate group 747. azinphos-ethyl 748. azinphos-methyl 749. chlorpyrifos 750. diazinon 751. dichlorvos (DDVP) 752. dicrotophos 753. dimethoate 754. EPN 755. ethion 756. fenitrothion 757. malathion 758. methidathion 759. mevinphos 760. parathion 761. parathion-methyl 762. phosalone 763. pirimiphos-ethyl 764. pirimiphos-methyl 765. profenofos 766. prothiofos 767. triazophos	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/FPD Technique

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method
5.	<ul style="list-style-type: none"> ● Potable water * ● Non-Potable water * (except natural water and surface water) ● Mineral water ● Ice 	Carbamate group 768. aldicarb 769. aldicarb sulfone 770. carbaryl 771. carbofuran 772. carbofuran-3-hydroxy 773. fenobucarb 774. isoprocarb 775. methiocarb 776. methiocarb sulfoxide 777. methomyl 778. metolcarb 779. oxamyl 780. promecarb 781. thiodicarb	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by LC-MS Technique

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method
5.	<ul style="list-style-type: none"> ● Potable water * ● Non-Potable water * (except natural water and surface water) ● Mineral water ● Ice 	Pesticide residues 782. alachlor 783. captan 784. chlorothalonil 785. dimethenamid 786. etridiazole 787. fipronil 788. mirex 789. pyridalyl 790. quintozone 791. tetradifon 792. trifluralin	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/ μ ECD Technique
		Pesticide residues 793. coumaphos 794. edifenphos 795. ethoprophos 796. fenamiphos 797. phenthoate 798. phosmet 799. phosphamidon	

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No.	Type of Sample	Test	Method
5.	<ul style="list-style-type: none"> ● Potable water * ● Non-Potable water * (except natural water and surface water) ● Mineral water ● Ice 	Pesticide residues 800. pyrazophos 801. pyridaphenthion 802. quinalphos 803. thiometon 804. tolclofos-methyl	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/FPD Technique
6.	Natural water and surface water	Pesticide residues Organochlorine group 805. aldrin 806. alpha-BHC 807. alpha-Chlordane 808. alpha-Endosulfan 809. beta-BHC 810. beta-Endosulfan 811. delta-BHC 812. dieldrin 813. endosulfan sulfate 814. endrin	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/ μ ECD Technique

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method	
6.	Natural water and surface water	Organochlorine group	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/ μ ECD Technique	
		815. gamma-BHC (lindane)		
		816. gamma-chlordane		
		817. heptachlor		
		818. heptachlor-epoxide		
		819. hexachlorobenzene (HCB)		
		820. o,p'-TDE		
		821. o,p'-DDE		
		822. o,p'-DDT		
		823. p,p'-TDE		
		824. p,p'-DDE		
		825. p,p'-DDT		
		Pyrethroid group		In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/ μ ECD Technique
		826. bifenthrin		
		827. cyfluthrin		
		828. cypermethrin		
829. deltamethrin				
830. fenvalerate				
831. lambda-cyhalothrin				

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method
6.	Natural water and surface water	Organophosphate group 832. azinphos-ethyl 833. azinphos-methyl 834. chlorpyrifos 835. diazinon 836. dichlorvos (DDVP) 837. dicrotophos 838. dimethoate 839. EPN 840. ethion 841. fenitrothion 842. malathion 843. methidathion 844. mevinphos 845. monocrotophos 846. parathion 847. parathion-methyl 848. phosalone 849. pirimiphos-ethyl 850. pirimiphos-methyl 851. profenofos	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/FPD Technique

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method
6.	Natural water and surface water	Organophosphate group	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/FPD Technique
		852. prothiofos 853. triazophos	
		Carbamate group	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by LC-MS Technique
		854. aldicarb	
		855. aldicarb sulfone	
		856. carbaryl	
		857. carbofuran	
		858. carbofuran-3-hydroxy	
		859. fenobucarb	
		860. isoprocarb	
		861. methiocarb	
		862. methiocarb sulfoxide	
		863. methomyl	
		864. metolcarb	
		865. oxamyl	
		866. promecarb	
		867. thiodicarb	

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method
6.	Natural water and surface water	Pesticide residues	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/ μ ECD Technique
		868. alachlor 869. captan 870. dimethenamid 871. etridiazole 872. fipronil 873. mirex 874. pyridalyl 875. quintozone 876. tetradifon 877. trifluralin	
		Pesticide residues	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/FPD Technique
		878. coumaphos 879. edifenphos 880. formothion 881. phenthoate 882. phosmet 883. phosphamidon 884. pyrazophos 885. pyridaphenthion 886. quinalphos 887. thiometon	

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No.	Type of Sample	Test	Method
6.	Natural water and surface water	Pesticide residues 888. tolclofos-methyl	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/FPD Technique
7.	Wastewater * (except wastewater from gas station)	Pesticide residues Organochlorine group 889. aldrin 890. alpha-BHC 891. alpha-chlordane 892. alpha-endosulfan 893. beta-BHC 894. beta-endosulfan 895. delta-BHC 896. dieldrin 897. endosulfan sulfate 898. endrin 899. gamma-BHC (lindane) 900. gamma-chlordane 901. heptachlor 902. heptachlor-epoxide	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/ μ ECD Technique

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method
7.	Wastewater * (except wastewater from gas station)	Organochlorine group	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/ μ ECD Technique
		903. hexachlorobenzene (HCB)	
		904. o,p'-TDE	
		905. o,p'-DDE	
		906. o,p'-DDT	
		907. p,p'-TDE	
		908. p,p'-DDE	
		909. p,p'-DDT	
		Pyrethroid group	
		910. bifenthrin	
		911. cyfluthrin	
		912. cypermethrin	
		913. deltamethrin	
		914. fenvalerate	
		Organophosphate group	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/FPD Technique
		916. azinphos-ethyl	
		917. azinphos-methyl	
		918. chlorpyrifos	
		919. diazinon	
		920. dichlorvos (DDVP)	

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No.	Type of Sample	Test	Method
7.	Wastewater * (except wastewater from gas station)	Organophosphate group 921. dicrotophos 922. dimethoate 923. EPN 924. ethion 925. fenitrothion 926. malathion 927. methamidophos 928. methidathion 929. monocrotophos 930. parathion 931. parathion-methyl 932. phosalone 933. pirimiphos-ethyl 934. pirimiphos-methyl 935. profenofos 936. prothiofos 937. triazophos	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/FPD Technique

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method
7.	Wastewater * (except wastewater from gas station)	Carbamate group 938. aldicarb 939. aldicarb sulfone 940. aldicarb sulfoxide 941. carbaryl 942. carbofuran 943. carbofuran-3-hydroxy 944. fenobucarb 945. isoprocarb 946. methiocarb 947. methiocarb sulfone 948. methiocarb sulfoxide 949. methomyl 950. metolcarb 951. oxamyl 952. promecarb 953. thiodicarb	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by LC-MS Technique

Saovane Aromsook

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method
7.	Wastewater * (except wastewater from gas station)	Pesticide residues	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/ μ ECD Technique
		954. alachlor 955. etridiazole 956. fipronil 957. mirex 958. pyridalyl 959. quintozene 960. tetradifon 961. trifluralin	
		Pesticide residues	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/FPD Technique
		962. coumaphos 963. edifenphos 964. ethoprophos 965. formothion 966. phenthoate 967. phosmet 968. phosphamidon 969. pyrazophos 970. pyridaphenthion 971. quinalphos 972. thiometon 973. tolclofos-methyl	

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No.	Type of Sample	Test	Method
8.	<ul style="list-style-type: none"> ● Okra ● Rice 	974. Dithiocarbamate	In-house method TE-CH-367 based on EU Reference Laboratories for single residue methods, version 2, 2009
9.	Asparagus	975. Paraquat	In-house method TE-CH-280 based on EURL-SRM, QuPPE-Method, Version 9.3, 2017
		976. Diquat	
		977. Glyphosate 978. AMPA	In-house method TE-CH-307 based on Journal of Chromatography A, 886 (2000). P.207-216
9.	Asparagus	979. 2,4-D	In-house method TE-CH-308 based on QuEChERS Method EN 15662:2018
		Pesticide residues	
		Organochlorine group	
10.	Soils	980. aldrin	In-house method TE-CH-328 based on QuEChERS Method EN 15662:2018 by GC/ μ ECD Technique
		981. alpha-BHC	
		982. alpha-chlordane	
		983. alpha-endosulfan	
		984. beta-BHC	
		985. beta-endosulfan	
		986. dieldrin	
		987. endosulfan-sulfate	
		988. endrin	

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No.	Type of Sample	Test	Method
10.	Soils	Organochlorine group	In-house method TE-CH-328 based on QuEChERS Method EN 15662:2018 by GC/ μ ECD Technique
		989. gamma-BHC (lindane) 990. gamma-chlordane 991. heptachlor 992. heptachlor-epoxide 993. hexachlorobenzene (HCB) 994. o,p'-TDE 995. o,p'-DDE 996. o,p'-DDT 997. p,p'-TDE 998. p,p'-DDE 999. p,p'-DDT	
		Pyrethroid group	In-house method TE-CH-328 based on QuEChERS Method EN 15662:2018 by GC/ μ ECD Technique
		1000. bifenthrin 1001. cyfluthrin 1002. cypermethrin 1003. deltamethrin 1004. fenvalerate 1005. lambda-cyhalothrin 1006. mirex 1007. permethrin	

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No.	Type of Sample	Test	Method
10.	Soils	Organophosphate group 1008. azinphos-ethyl 1009. chlorpyrifos 1010. diazinon 1011. dichlorvos (DDVP) 1012. dicrotophos 1013. dimethoate 1014. EPN 1015. ethion 1016. fenitrothion 1017. malathion 1018. methamidophos 1019. methidathion 1020. mevinphos 1021. monocrotophos 1022. omethoate 1023. parathion 1024. parathion-methyl 1025. phosalone 1026. pirimiphos-ethyl 1027. pirimiphos-methyl	In-house method TE-CH-328 based on QuEChERS Method EN 15662:2018 by GC/FPD Technique

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method
10.	Soils	Organophosphate group 1028. profenofos 1029. prothiofos 1030. triazophos	In-house method TE-CH-328 based on QuEChERS Method EN 15662:2018 by GC/FPD Technique
		Carbamate group 1031. aldicarb 1032. aldicarb sulfone 1033. aldicarb sulfoxide 1034. carbaryl 1035. carbofuran 1036. carbofuran-3-hydroxy 1037. fenobucarb 1038. isoprocarb 1039. methiocarb 1040. methiocarb sulfone 1041. methiocarb sulfoxide 1042. methomyl 1043. metolcarb 1044. oxamyl 1045. promecarb 1046. thiodicarb	In-house method TE-CH-328 based on QuEChERS Method EN 15662:2018 by LC-MS Technique

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch
has been accepted as an accredited laboratory in the field of food, water, feeding stuffs,
Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method
11.	<ul style="list-style-type: none"> ● Chilli ● Tomato ● Product consist of chilli and tomato <ul style="list-style-type: none"> - Curry paste - Seasoning 	Sudan dye 1047. Sudan I 1048. Sudan II 1049. Sudan III 1050. Sudan IV	In-house method TE-CH-036 based on O V'ere'tout, L. Demesse, L. Szymanski. Recherche et dosage des colorants Soudan et Bixine dans les pigments produits a base de pigment. Laboratoires de Paris-Massy
12.	<ul style="list-style-type: none"> ● Oyster sauce ● Fish sauce ● Soy sauce 	1051. 3-Monochloropropane-1,2-diol (3-MCPD) 1052. 1,3-Dichloropropan-2-ol (1,3-DCP)	In-house method TE-CH-111 based on Journal of Chromatography A., (2002), Vol.952. P.185-192
13.	<ul style="list-style-type: none"> ● Food ⁽¹⁾ ● Feeding stuffs and raw materials 	1053. Aflatoxin B1 1054. Aflatoxin B2 1055. Aflatoxin G1 1056. Aflatoxin G2 1057. Total Aflatoxin	In-house method TE-CH-025 based on AOAC (2023) 991.31 and 994.08
14.	<ul style="list-style-type: none"> ● Plants ¹ (fresh and dried) ● Cannabis plants, Kratom (fresh and dried) 	1058. Aflatoxin B1 1059. Aflatoxin B2 1060. Aflatoxin G1 1061. Aflatoxin G2 1062. Total Aflatoxin	In-house method TE-CH-025 based on AOAC (2023) 991.31 and 994.08

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No.	Type of Sample	Test	Method
15.	Milk and milk products * (both liquid and powder types except butter oil)	1063. Aflatoxin M1	In-house method TE-CH-323 based on AOAC (2023) 2000.08
16.	<ul style="list-style-type: none"> ● Cereal and cereal products <ul style="list-style-type: none"> - Rice - Corn - Flour - Cereal bar ● Spices and herb ● Coffee 	1064. Ochratoxin A	In-house method TE-CH-138 based on AOAC (2023) 2000.09

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No.	Type of Sample	Test	Method
17.	Pig urine and meat (fresh, chilled, frozen)	1065. Beta-agonist	Euro Proxima B.V, 5061 BAG (22) 02.24
18.	Meat and meat products (fresh, chilled, frozen)	Beta-agonist 1066. salbutamol 1067. clenbuterol 1068. ractopamine 1069. brombuterol 1070. terbutaline 1071. fenoterol 1072. zilpaterol	In-house method TE-CH-044 based on Journal of Chromatography B., (2004), Vol.813. P.35-45
19.	<ul style="list-style-type: none"> ● Meat and meat products (fresh, chilled, frozen) ● Aquatic animal tissue and aquatic animal tissue products (fresh, chilled, frozen) 	1073. Chloramphenicol	-Euro Proxima B.V, 5091 CAP (24) 02.24
		Quinolone group and Fluoroquinolone group 1074. enrofloxacin 1075. ciprofloxacin 1076. norfloxacin 1077. sarafloxacin 1078. danofloxacin	-In-house method TE-CH-027 based on Journal of Chromatography B., (2003), Vol.791. P.31-38
			In-house method TE-CH-115 based on Journal of Chromatography A., (2002), Vol.974. P.53-89

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No.	Type of Sample	Test	Method
19.	<ul style="list-style-type: none"> ● Meat and meat products (fresh, chilled, frozen) ● Aquatic animal tissue and aquatic animal tissue products (fresh, chilled, frozen) 	Quinolone group and Fluoroquinolone group 1079. difloxacin 1080. flumequine 1081. nalidixic acid 1082. oxolinic acid	In-house method TE-CH-115 based on Journal of Chromatography A., (2002), Vol.974. P.53-89
		Tetracycline group 1083. chlortetracycline 1084. oxytetracycline 1085. tetracycline 1086. doxyeycline	In-house method TE-CH-298 based on Journal of Chromatography A., (2003), Vol.987. P.227-233
		Sulfonamide group 1087. sulfanilamide 1088. sulfadiazine 1089. sulfapyridine 1090. sulfathiazole 1091. sulfamerazine 1092. sulfamethazine (sulfadimidine) 1093. sulfamonomethoxine 1094. sulfachloropyridazine	In-house method TE-CH-061 based on Journal of Chromatography A., (2000), Vol.898. P.95-102

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No.	Type of Sample	Test	Method
19.	<ul style="list-style-type: none"> ● Meat and meat products (fresh, chilled, frozen) ● Aquatic animal tissue and aquatic animal tissue products (fresh, chilled, frozen) 	Sulfonamide group 1095. sulfisoxazole 1096. sulfamethoxazole 1097. sulfadimethoxine 1098. sulfaquinoxaline	In-house method TE-CH-061 based on Journal of Chromatography A., (2000), Vol.898. P.95-102
		Nitrofuran metabolites (Total and tissue-bound) 1099. 3-amino-2-oxazolidinone (AOZ) 1100. 3-amino-5-morpholinomethyl-2-oxazolidinone (AMOZ) 1101. 1-aminohydantoin (AHD) 1102. semicarbazide (SEM)	In-house method TE-CH-002 based on Journal of Chromatography B., (1997), Vol.691. P.87-94 (Total and Tissue Bound Residues)
20.	Meat and meat products (fresh, chilled, frozen)	Nitrofuran metabolites (Total and tissue-bound) 1103. 3,5-dinitrosalicylic acid hydrazide (DNSH)	In-house method TE-CH-002 based on Journal of Food Chemistry, Vol.342 (2021). Article 128389 (Tissue Bound Residues)

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No.	Type of Sample	Test	Method
21.	Aquatic animal tissue and aquatic animal tissue products (fresh, chilled, frozen)	Nitrofurantoin metabolites (Total and tissue-bound) 1104. 3,5-dinitrosalicylic acid hydrazide (DNSH)	-In-house method TE-CH-002 based on Journal of Food Chemistry, Vol.342 (2021). Article 128389 (Total Residues) -In-house method TE-CH-002 based on Journal of Food Chemistry, Vol.342 (2021). Article 128389 (Tissue Bound Residues)
22.	Aquatic animal tissue (fresh, chilled, frozen)	Malachite green 1105. malachite green 1106. leuco-malachite green	In-house method TE-CH-070 based on Journal of Analytical Chimica Acta, Vol.529 (2005). P.173-177
23.	Pig serum	Sulfonamide group 1107. sulfanilamide 1108. sulfadiazine 1109. sulfapyridine 1110. sulfathiazole 1111. sulfamerazine 1112. sulfamethazine (sulfadimidine) 1113. sulfamonomethoxine 1114. sulfachloropyridazine 1115. sulfisoxazole	In-house method TE-CH-167 based on Journal of Chromatography., Vol.18 (5); (1995). P.965-975

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No.	Type of Sample	Test	Method
23.	Pig serum	Sulfonamide group 1116. sulfamethoxazole 1117. sulfadimethoxine 1118. sulfaquinoxaline	In-house method TE-CH-167 based on Journal of Chromatography., Vol.18 (5); (1995). P.965-975
24.	Liver (fresh, chilled, frozen) - Duck - Chicken - Pig	1119. Chloramphenicol	Euro Proxima B.V, 5091 CAP (24) 02.24
		Nitrofurantol metabolites (Total and tissue-bound) 1120. 3-amino-2-oxazolidinone (AOZ) 1121. 3-amino-5-morpholinomethyl-2-oxazolidinone (AMOZ) 1122. 1-aminohydantoin (AHD) 1123. semicarbazide (SEM)	In-house method TE-CH-002 based on Journal of Chromatography B., (1997), Vol.691. P.87-94 (Tissue Bound Residues)
25.	● Chilli sauce ● Tomato sauce ● Products consist of chilli and tomato sauce	Sudan dye and para red 1124. Sudan I 1125. Sudan II 1126. Sudan III 1127. Sudan IV 1128. Para red	In-house method TE-CH-112 based on Journal of Chromatography A., (2004), Vol.1042. P.123-130

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No.	Type of Sample	Test	Method
26.	Feeding stuffs * and raw materials	Sulfonamide group	In-house method TE-CH-258 based on Journal of Chromatography A., (2000), Vol.898. P.95-102
		1129. sulfadiazine	
1130. sulfapyridine			
1131. sulfathiazole			
1132. sulfamerazine			
1133. sulfamethazine (sulfadimidine)			
1134. sulfamonomethoxine			
1135. sulfachloropyridazine			
1136. sulfisoxazole			
1137. sulfamethoxazole			
		Nitrofurantoin (parent drug)	In-house method TE-CH-001 based on Journal of Chromatography A., (1997), Vol.771. P.349-354
		1140. nitrofurazone (NFZ)	
		1141. nitrofurantoin (NFT)	
		1142. furazolidone (FZD)	
		1143. furaltadone (FTD)	

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No.	Type of Sample	Test	Method
26.	Feeding stuffs * and raw materials	Quinolone group and Fluoroquinolone group 1144. enrofloxacin 1145. ciprofloxacin 1146. norfloxacin 1147. sarafloxacin 1148. danofloxacin 1149. difloxacin 1150. flumequine 1151. nalidixic acid 1152. oxolinic acid	In-house method TE-CH-259 based on Journal of Chromatography A., (2002), Vol.952, P.121-129
		Melamine and derivatives 1153. melamine 1154. ammeline 1155. ammelide 1156. cyanuric acid	In-house method TE-CH-166 based on Laboratory Information Bulletin. LIB No.4423, Vol.24, 2008
27.	● Feeding stuffs * and raw materials ● Milk and milk products **	1157. Cyanuric acid	In-house method TE-CH-206 based on Laboratory Information Bulletin. LIB No.4422, 2008

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No.	Type of Sample	Test	Method
27.	<ul style="list-style-type: none"> ● Feeding stuffs * and raw materials ● Milk and milk products ** 	Melamine and derivatives 1158. melamine 1159. ammeline 1160. ammelide	In-house method TE-CH-209 based on Laboratory Information Bulletin. LIB No.4422, 2008
28.	Pig urine	Beta-agonist 1161. salbutamol 1162. clenbuterol 1163. ractopamine 1164. brombuterol 1165. terbutaline 1166. fenoterol 1167. zilpaterol	In-house method TE-CH-044 based on Journal of Chromatography B., (2004), Vol.813. P.35-45
29.	Durian (Fresh, Chilled, Frozen) - Peel - Pulp - Peel and pulp	1168. Basic Yellow 2 (Auramine O)	In-house method TE-CH-044 based on BJS 202204, 2022-02-07

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No.	Type of Sample	Test	Method
30.	Meat and meat products (fresh, chilled, frozen, processed)	1169. Protein	In-house method TE-CH-042 based on AOAC (2023) 981.10
		1170. Moisture	AOAC (2023) 950.46 (B)
		1171. Ash	AOAC (2023) 920.153
		1172. Total fat	AOAC (2023) 948.15
31.	Seafood and seafood products (fresh, chilled, frozen, processed)	1173. Fat	AOAC (2023) 948.15
32.	Cereal and cereal products	1174. Fat	AOAC (2023) 922.06
33.	Feeding stuffs and raw materials	1175. Protein	In-house method TE-CH-012 based on AOAC (2023) 981.10
		1176. Moisture	AOAC (2023) 930.15
		1177. Ash	AOAC (2023) 942.05
		1178. Crude fiber	In-house method TE-CH-122 based on AOAC (2023) 978.10
		1179. Crude Fiber	In-house method TE-CH-416 based on AOCS (2017) Ba 6a-05
		1180. Fat	In-house method TE-CH-160 based on AOAC (2023) 920.39
34.	Starch and starch products	1181. Total nitrogen	In-house method TE-CH-230 based on
		1182. Protein	AOAC (2023) 981.10

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No.	Type of Sample	Test	Method
34.	Starch and starch products	1183. Moisture	AOAC (2023) 925.10
		1184. Ash	AOAC (2023) 923.03
35.	<ul style="list-style-type: none"> ● Candy ● Beverage * ● Vegetable, fruit and Vegetable products, fruit products 	Synthetic color 1185. Amaranth, E123 1186. Allura Red AC, E129 1187. Brilliant Blue FCF, E133 1188. Carmoisine or Azorubin, E122 1189. Fast Green FCF, E143 1190. Ponceau 4R, E124 1191. Quinoline Yellow, E104 1192. Sunset Yellow FCF, E110 1193. Tartrazine, E102	In-house method TE-CH-163 based on TIS 696 (1987)
36.	Food ⁽⁵⁾	1194. Total dietary fiber	In-house method TE-CH-076 based on AOAC (2023) 985.29
		1195. Cholesterol	In-house method TE-CH-143 based on AOAC (2023) 994.10
		1196. Carbohydrate 1197. Calories	In-house method TE-CH-169 based on Method of Analysis for Nutrition Labeling., 1993, P.106

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No.	Type of Sample	Test	Method
36.	Food ⁽⁵⁾	Fatty Acid - Saturated (17) 1198. Butyric acid (C4:0) 1199. Caproic acid (C6:0) 1200. Caprylic acid (C8:0) 1201. Capric acid (C10:0) 1202. Undecanoic acid (C11:0) 1203. Lauric acid (C12:0) 1204. Tridecanoic acid (C13:0) 1205. Myristic acid (C14:0) 1206. Pentadecanoic acid (C15:0) 1207. Palmitic acid (C16:0) 1208. Heptadecanoic acid (C17:0) 1209. Stearic acid (C18:0) 1210. Arachidic acid (C20:0) 1211. Heneicosanoic acid (C21:0)	In-house method TE-CH-208 based on AOAC (2023) 996.06

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No.	Type of Sample	Test	Method
36.	Food ⁽⁵⁾	- Saturated (17) 1212. Behenic acid (C22:0) 1213. Tricosanoic acid (C23:0) 1214. Lignoceric acid (C24:0)	In-house method TE-CH-208 based on AOAC (2023) 996.06
		- Monounsaturated (9) 1215. Myristoleic acid (C14:1) 1216. Pentadecenoic acid (C15:1) 1217. Palmitoleic acid (C16:1n7) 1218. Heptadecenoic acid (C17:1) 1219. Elaidic acid (C18:1n9t) 1220. Oleic acid (C18:1n9c) (Omega-9) 1221. Eicosenoic acid (C20:1n9) (Omega-9)	In-house method TE-CH-208 based on AOAC (2023) 996.06

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No.	Type of Sample	Test	Method
36.	Food ⁽⁵⁾	- Monounsaturated (9) 1222. Erucic acid (C22:1n9) (Omega-9) 1223. Nervonic acid (C24:1n9) (Omega-9)	In-house method TE-CH-208 based on AOAC (2023) 996.06
		- Polyunsaturated (11) 1224. Linolelaidic acid (C18:2n6t) 1225. Linoleic acid (C18:2n6c) (Omega-6) 1226. gamma-Linolenic acid (C18:3n6) (Omega-6) 1227. alpha-Linolenic acid (ALA) (C18:3n3) (Omega-3) 1228. Eicosadienoic acid (C20:2n6) (Omega-6) 1229. Eicosatrienoic acid (C20:3n6) (Omega-6) 1230. Eicosatrienoic acid (C20:3n3) (Omega-3)	In-house method TE-CH-208 based on AOAC (2023) 996.06

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No.	Type of Sample	Test	Method
36.	Food ⁽⁵⁾	- Polyunsaturated (11)	In-house method TE-CH-208 based on AOAC (2023) 996.06
		1231. Arachidonic acid (ARA) (C20:4n6) (Omega-6)	
		1232. Docosadienoic acid (C22:2n6) (Omega-6)	
		1233. Eicosapentaenoic acid (EPA) (C20:5n3) (Omega-3)	
		1234. Docosahexaenoic acid (DHA) (C22:6n3) (Omega-3)	
		1235. Trans fat	In-house method TE-CH-208 based on AOAC (2023) 996.06
		1236. Omega-3 1237. Omega-6 1238. Omega-9	In-house method TE-CH-208 based on AOAC (2023) 996.06
		1239. Total phosphorus (as P) 1240. Total phosphorus (as P ₂ O ₅)	AOAC (2023) 986.24

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No.	Type of Sample	Test	Method
36.	Food ⁽⁵⁾	1241. Benzoic acid	In-house method TE-CH-020 based on Nordic Committee on Food Analysis No.124, 1997
		1242. Sorbic acid	
		1243. Sulfur dioxide (SO ₂)	AOAC (2023) 990.28
		1244. Vitamin C (L-ascorbic acid)	In-house method TE-CH-120 based on Bull Dept Med Sci., Vol.40 (3); 1998, P.347-357
		1245. Vitamin A (Retinol)	In-house method TE-CH-024 based on AOAC (2023) 992.06
		1246. Vitamin B1 (Thiamine)	In-house method TE-CH-057 based on AOAC (2023) 942.23
		1247. Vitamin B2 (Riboflavin)	In-house method TE-CH-057 based on Journal of Agricultural and Food Chemistry, Vol.32 (1984). P.1326-1331
37	Beverage *	1248. Caffeine	In-house method TE-CH-019 based on AOAC (2023) 979.08
38.	Aquatic animal and aquatic animal products (fresh, chilled, frozen, processed)	1249. Histamine	-In-house method TE-CH-251 based on Journal of AOAC International Vol.81, No.5, 1998, P.991-998
			-ISO 19343:2017

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No.	Type of Sample	Test	Method
39.	Pet Food	1250. Fat	AOAC (2023) 954.02
40.	Feeding stuffs	1251. Fat	In-house method TE-CH-014 based on AOAC (2023) 954.02
		Amino acid (19) 1252. Alanine 1253. Arginine 1254. Aspartic acid 1255. Cystine 1256. Glutamic acid 1257. Glycine 1258. Histidine 1259. Hydroxylysine 1260. Hydroxyproline 1261. Isoleucine 1262. Leucine 1263. Lysine 1264. Methionine 1265. Phenylalanine 1266. Proline 1267. Serine 1268. Threonine 1269. Tyrosine 1270. Valine	In-house method TE-CH-372 based on Official Journal of the European Communities, Commission Directive 98/64/EC, L257 (1998), Annex Part A, P.14-23

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No.	Type of Sample	Test	Method
40.	Feeding stuffs	1271. Tryptophan	In-house method TE-CH-373 based on Journal of Food Chemistry, Vol.193 (2016). P.26-29
41.	Milk and milk products *	1272. Moisture	In-house method TE-CH-391 based on AOAC (2023) 927.05
		1273. Total solids	In-house method TE-CH-391 based on AOAC (2023) 927.05
		1274. Total fat	In-house method TE-CH-015 based on AOAC (2023) 989.05
42.	<ul style="list-style-type: none"> ● Milk and milk products * ● Tea ● Coffee ● Cocoa ● Fruit juice 	Sugar 1275. Fructose 1276. Glucose 1277. Sucrose 1278. Maltose 1279. Lactose 1280. Total sugar	In-house method TE-CH-164 based on AOAC (2023) 977.20
43.	<ul style="list-style-type: none"> ● Meat and meat products (fresh, chilled, frozen, processed) ● Fish sauce 	1281. Sodium chloride	In-house method TE-CH-175 based on AOAC (2023) 937.09

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No.	Type of Sample	Test	Method
44.	Chemical fertilizer	1282. Water soluble Potassium (as K ₂ O)	-In-house method TE-CH-182 based on Official Method of Analysis of Fertilizers, Japan: 1987
			-Notification of the Ministry of Agriculture and Cooperatives Re: Prescribing the Method of Analysis of Chemical Fertilizer B.E. 2559, Method 1.12.01
45.	Aquatic animal and aquatic animal products (fresh, chilled, frozen, processed)	1283. Lead (Pb)	In-house method TE-CH-035 based on The Analyst An international analytical science journal., Vol.119, No.8, August 1994. P.1683-1686
		1284. Cadmium (Cd)	In-house method TE-CH-035 based on The Analyst An international analytical science journal., Vol.119, No.8, August 1994. P.1683-1686
		1285. Mercury (Hg)	In-house method TE-CH-035 based on AOAC (2023) 974.14
46.	Feeding stuffs and raw materials	1286. Calcium (Ca) 1287. Copper (Cu) 1288. Iron (Fe) 1289. Magnesium (Mg) 1290. Manganese (Mn)	In-house method TE-CH-121 based on ISO 6869:2000

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No.	Type of Sample	Test	Method
46.	Feeding stuffs and raw materials	1291. Potassium (K) 1292. Sodium (Na) 1293. Zinc (Zn)	In-house method TE-CH-121 based on ISO 6869:2000
47.	<ul style="list-style-type: none"> ● Meat and meat products ● Egg and egg products ● Starch and starch products ● Spice and spice products ● Vegetable, fruit and Vegetable products, fruit products ● Beverage * and fruit juice ● Milk and milk products * ● Cereal and cereal products ● Herb and herb products ● Aquatic animal and aquatic animal products 	1294. Antimony (Sb) 1295. Cadmium (Cd) 1296. Chromium (Cr) 1297. Cobalt (Co) 1298. Lead (Pb) 1299. Nickel (Ni) 1300. Vanadium (V)	In-house method TE-CH-134 based on AOAC (2023) 999.10 by ICP-MS Technique
		1301. Copper (Cu) 1302. Iron (Fe) 1303. Zinc (Zn)	In-house method TE-CH-134 based on AOAC (2023) 999.10 by ICP-OES Technique
		1304. Calcium (Ca) 1305. Magnesium (Mg) 1306. Manganese (Mn) 1307. Potassium (K) 1308. Sodium (Na)	In-house method TE-CH-134 based on AOAC (2023) 984.27 by ICP-OES Technique
		1309. Arsenic (As) 1310. Selenium (Se)	In-house method TE-CH-134 based on AOAC (2023) 986.15 by ICP-MS Technique

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No.	Type of Sample	Test	Method	
47.	<ul style="list-style-type: none"> ● Meat and meat products ● Egg and egg products ● Starch and starch products 	1311. Mercury (Hg)	In-house method TE-CH-134 based on AOAC (2023) 974.14 by ICP-MS Technique	
		<ul style="list-style-type: none"> ● Spice and spice products ● Vegetable, fruit and Vegetable products, fruit products ● Beverage * and fruit juice ● Milk and milk products * ● Cereal and cereal products ● Herb and herb products ● Aquatic animal and aquatic animal products 	1312. Tin (Sn)	In-house method TE-CH-135 based on AOAC (2023) 985.16
48.	<ul style="list-style-type: none"> ● Plants¹ (fresh and dried) ● Cannabis, Kratom (fresh and dried) 		1313. Arsenic (As)	In-house method TE-CH-134 based on AOAC (2023) 986.15 by ICP-MS Technique
			1314. Cadmium (Cd) 1315. Lead (Pb)	In-house method TE-CH-134 based on AOAC (2023) 999.10 by ICP-MS Technique
			1316. Mercury (Hg)	In-house method TE-CH-134 based on AOAC (2023) 974.14 by ICP-MS Technique

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No.	Type of Sample	Test	Method
49.	<ul style="list-style-type: none"> ● Potable water * ● Non-Potable water * ● Wastewater * ● Mineral water ● Ice 	1317. Aluminum (Al)	In-house method TE-CH-126 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 3030 E. by ICP-OES Technique
		1318. Calcium (Ca)	
1319. Iron (Fe)			
1320. Magnesium (Mg)			
1321. Phosphorus (P)			
1322. Potassium (K)			
1323. Silicon (Si)			
1324. Sodium (Na)			
1325. Sulfur (S)			
1326. Aluminum (Al)	In-house method TE-CH-126 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 3030 E. by ICP-MS Technique		
1327. Antimony (Sb)			
1328. Arsenic (As)			
1329. Barium (Ba)			
1330. Beryllium (Be)			
1331. Bismuth (Bi)			
1332. Boron (B)			
1333. Cadmium (Cd)			
1334. Cesium (Cs)			
1335. Chromium (Cr)			
1336. Cobalt (Co)			
1337. Copper (Cu)			
1338. Gold (Au)			

The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

No.	Type of Sample	Test	Method
49.	<ul style="list-style-type: none"> ● Potable water * ● Non-Potable water * ● Wastewater * ● Mineral water ● Ice 	1339. Iron (Fe) 1340. Lead (Pb) 1341. Lithium (Li) 1342. Magnesium (Mg) 1343. Manganese (Mn) 1344. Mercury (Hg) 1345. Molybdenum (Mo) 1346. Nickel (Ni) 1347. Selenium (Se) 1348. Silver (Ag) 1349. Strontium (Sr) 1350. Thallium (Tl) 1351. Tin (Sn) 1352. Titanium (Ti) 1353. Vanadium (V) 1354. Zinc (Zn)	In-house method TE-CH-126 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 3030 E. by ICP-MS Technique

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No.	Type of Sample	Test	Method
50.	Chemical fertilizer	1355. Total phosphorus (as P ₂ O ₅)	In-house method TE-CH-183 based on AOAC (2023) 958.01
		1356. Total nitrogen	In-house method TE-CH-211 based on AOAC (2023) 993.13
51.	<ul style="list-style-type: none"> ● Potable water * ● Non-Potable water * ● Mineral water ● Ice 	1357. Chloride	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 4500-Cl ⁻ B
		1358. Nitrate (NO ₃ ⁻ N)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 4500-NO ₃ ⁻ E
		1359. Nitrite (NO ₂ ⁻ N)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 4500-NO ₂ ⁻ B
		1360. Total hardness	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 2340 C

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No.	Type of Sample	Test	Method
52.	<ul style="list-style-type: none"> ● Potable water * ● Non-Potable water * 	1361. Anionic Surfactants as Methylene Blue Active Substances (MBAS) <ul style="list-style-type: none"> - MBAS, calculated as Linear Alkylbenzene Sulfonate (LAS), MW = 444.56 - MBAS as ABS, Calculated as Linear Alkylbenzene Sulfonate (LAS), MW = 444.56 	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 5540 C
		1362. Color	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 2120 C
		1363. Cyanide	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 4500-CN E

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No.	Type of Sample	Test	Method
52.	<ul style="list-style-type: none"> ● Potable water * ● Non-Potable water * 	1364. Fluoride	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 4500-F ⁻ D
		1365. Odour	TIS 257 (1978). Part 2, P.5
		1366. pH	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 4500-H ⁺ B
		1367. Phenol	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 5530 C
		1368. Sulfate	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 4500-SO ₄ ²⁻ E
		1369. Total Solid	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 2540 B
		1370. Turbidity	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 2130 B

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No.	Type of Sample	Test	Method
53.	<ul style="list-style-type: none"> ● Cannabis and herb contain cannabis ● Cannabis extract and cannabis oils 	Cannabinoids 1371. Cannabidiol (CBD) 1372. Cannabidiolic acid (CBDA) 1373. Cannabidiol (CBN) 1374. Delta 9-Tetrahydrocannabinol (Δ^9 -THC) 1375. Delta 8-Tetrahydrocannabinol (Δ^8 -THC) 1376. Tetrahydrocannabinolic acid (THCA)	In-house method TE-CH-418 based on Journal of AOAC International Vol.102, No.6, 2019, P.1822-1833 by Liquid Chromatography Technique

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No.	Type of Sample	Test	Method
54.	Food ⁽²⁾	1377. Aerobic Plate Count (Total Plate Count) (CFU)	- AOAC (2023) 990.12 - FDA BAM <i>Online</i> , 2001 (Chapter 3)
		1378. Total Bacteria Count (CFU)	
		1379. <i>Escherichia coli</i> (CFU)	AOAC (2023) 991.14
		1380. Coliforms (CFU)	
		1381. Fecal Coliforms (MPN)	FDA BAM <i>Online</i> , 2020 (Chapter 4)
		1382. Coliforms (MPN)	
		1383. <i>Escherichia coli</i> (MPN)	
		1384. <i>Staphylococcus aureus</i> (CFU)	- AOAC (2023) 2003.07 - AOAC (2023) 2003.08 - AOAC (2023) 2003.11

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No.	Type of Sample	Test	Method
54.	Food ⁽²⁾	1385. <i>Staphylococcus aureus</i> (MPN)	FDA BAM <i>Online</i> , 2016 (Chapter 12)
		1386. <i>Bacillus cereus</i> (CFU)	ISO 7932:2004 and FDA BAM <i>Online</i> , 2020 (Chapter 14)
		1387. <i>Clostridium perfringens</i> (CFU, Detected or not detected)	FDA BAM <i>Online</i> , 2001 (Chapter 16)
		1388. Fecal streptococci (CFU)	Compendium of Methods for the Microbiological Examination of Foods (APHA), 5 th Edition, 2015, Chapter 10
		1389. Enterococci (CFU)	
		1390. Yeasts and Molds (CFU)	- AOAC (2023) 997.02
1391. Total Molds Count (CFU)	- Compendium of Methods for the Microbiological Examination of Foods (APHA), 5 th Edition, 2015, Chapter 21		
1392. Total Yeasts Count (CFU)			

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No.	Type of Sample	Test	Method
54.	Food ⁽²⁾	1393. <i>Vibrio cholerae</i> (Detected or not detected)	FDA BAM Online, 2004 (Chapter 9)
		1394. <i>Vibrio parahaemolyticus</i> (MPN)	FDA BAM Online, 2004 (Chapter 9)
		1395. <i>Listeria monocytogenes</i> (Detected or not detected)	ISO 11290-1:2017
		1396. <i>Listeria</i> spp. (Detected or not detected)	ISO 11290-1:2017
		1397. Enterobacteriaceae (CFU)	AOAC (2023) 2003.01
		1398. <i>Vibrio parahaemolyticus</i> (Detected or not detected)	In-house method TE-MI-170 based on FDA BAM Online, 2004 (Chapter 9)

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No.	Type of Sample	Test	Method
54.	Food ⁽²⁾	1399. Staphylococcal Enterotoxin (Detected or not detected)	ISO 19020:2017
		1400. <i>Escherichia coli</i> O157 (Detected or not detected)	AOAC (2023) 2017.01
		1401. <i>Escherichia coli</i> O157:H7 (Detected or not detected)	
		1402. <i>Escherichia coli</i> O157 (Detected or not detected)	AOAC (2023) 2017.01 and ISO 16654:2001/Amd.2:2023
		1403. <i>Escherichia coli</i> O157:H7 (Detected or not detected)	

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No.	Type of Sample	Test	Method
54.	Food ⁽²⁾	1404. <i>Salmonella</i> spp. (Screening method) (Detected or not detected)	- AOAC (2023) 2016.01 - AFNOR Certificate No. 3M 01/16-11/16
		1405. <i>Salmonella</i> spp. (Confirmation method) (Detected or not detected)	AOAC (2023) 2016.01 and confirmed by ISO 6579-1:2017/Amd.1:2020
			- AFNOR Certificate No. 3M 01/16-11/16 and confirmed by ISO 6579-1: 2017/Amd.1:2020
		1406. <i>Listeria monocytogenes</i> (Screening method) (Detected or not detected)	- AOAC (2023) 2016.08 - AFNOR Certificate No. 3M 01/15-09/16
1407. <i>Listeria monocytogenes</i> (Confirmation method) (Detected or not detected)	- AOAC (2023) 2016.08 and confirmed by ISO 11290-1:2017		
	- AFNOR Certificate No. 3M 01/15-09/16 and confirmed by ISO 11290-1: 2017		

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No.	Type of Sample	Test	Method
55.	<ul style="list-style-type: none"> ● Food ⁽²⁾ ● Feeding stuffs ● Pet food and raw materials 	1408. Yeasts and Molds (CFU) 1409. Total Molds Count (CFU) 1410. Total Yeasts Count (CFU)	AFNOR Certificate No. BKR 23/11-12/18
56.	<ul style="list-style-type: none"> ● Food ⁽²⁾ ● Feeding stuffs ● Pet food and raw materials with water activity $0.6 \leq a_w \leq 0.95$ 	1411. Yeasts and Molds (CFU) 1412. Total Molds Count (CFU) 1413. Total Yeasts Count (CFU)	ISO 21527-2:2008
57.	<ul style="list-style-type: none"> ● Food ⁽²⁾ ● Feeding stuffs ● Pet food and raw materials ● Environmental samples in the area of food and feed production and handling 	1414. <i>Bacillus cereus</i> (MPN, Detected or not detected)	ISO 21871:2006 and confirmed by FDA BAM <i>Online</i> , 2020 (Chapter 14)

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No.	Type of Sample	Test	Method
57.	<ul style="list-style-type: none"> ● Food ⁽²⁾ ● Feeding stuffs ● Pet food and raw materials ● Environmental samples in the area of food and feed production and handling 	1415. <i>Shigella</i> spp. (Detected or not detected)	ISO 21567:2004
		1416. Coliforms (MPN, Detected or not detected)	ISO 4831:2006
		1417. <i>Escherichia coli</i> (MPN, Detected or not detected)	ISO 7251:2005/Amd.1:2023 and confirmed by FDA BAM <i>Online</i> , 2020 (Chapter 4)
		1418. Coliforms (CFU)	ISO 4832:2006
		1419. <i>Staphylococcus aureus</i> (Coagulase-positive staphylococci) (MPN, Detected or not detected)	ISO 6888-3:2003/Cor.1:2004

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No.	Type of Sample	Test	Method
57.	<ul style="list-style-type: none"> ● Food ⁽²⁾ ● Feeding stuffs ● Pet food and raw materials Environmental samples in the area of food and feed production and handling	1420. <i>Salmonella</i> spp. (Detected or not detected)	ISO 6579-1:2017/Amd.1:2020
		1421. <i>Clostridium Perfringens</i> (CFU)	ISO 15213-2:2023
		1422. <i>Clostridium perfringens</i> (Detected or not detected)	ISO/TS 15213-3:2024
		1423. Enterobacteriaceae (CFU)	ISO 21528-2:2017
		1424. <i>E. coli</i> O157 (Detected or not detected)	ISO 16654:2001/Amd.2:2023
1425. <i>E. coli</i> O157:H7 (Detected or not detected)			

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No.	Type of Sample	Test	Method
57.	<ul style="list-style-type: none"> ● Food ⁽²⁾ ● Feeding stuffs ● Pet food and raw materials Environmental samples in the area of food and feed production and handling	1426. <i>Campylobacter</i> spp. (Detected or not detected)	ISO 10272-1:2017/Amd.1:2023
		1427. <i>Campylobacter coli</i> (Detected or not detected)	
		1428. <i>Campylobacter jejuni</i> (Detected or not detected)	
		1429. Aerobic Plate Count (CFU) 1430. Total Bacteria Count (CFU)	
58.	Food ⁽⁶⁾	1431. <i>Listeria monocytogenes</i> (CFU)	ISO 11290-2:2017
59.	Meat	1432. Anti-Bacterial Substance Residues (Micro Assay) (Detected or not detected)	In-house method TE-MI-050 based on by six-plate agar diffusion assay technique (screening test)

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No.	Type of Sample	Test	Method
60.	Meat and meat products	1433. <i>Campylobacter jejuni</i> (Detected or not detected)	AOAC PTM Certificate No. 111803
		1434. <i>Campylobacter coli</i> (Detected or not detected)	
		1435. <i>Campylobacter</i> spp. (Detected or not detected)	
		1436. <i>Campylobacter jejuni</i> (Detected or not detected)	AOAC PTM Certificate No. 111803 and confirmed by ISO 10272-1: 2017/Amd.1:2023
		1437. <i>Campylobacter coli</i> (Detected or not detected)	
		1438. <i>Campylobacter</i> spp. (Detected or not detected)	

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No.	Type of Sample	Test	Method
61.	Fresh vegetable	1439. <i>Salmonella</i> spp. (Screening method) (Detected or not detected)	In-house method TE-MI-167 based on AOAC (2023) 2016.01
		1440. <i>Salmonella</i> spp. (Confirmation method) (Detected or not detected)	In-house method TE-MI-167 in connection with: - AOAC (2023) 2016.01 - ISO 6579-1:2017/Amd.1:2020
62.	<ul style="list-style-type: none"> ● Potable water * ● Non-Potable water * ● Mineral water ● Ice 	1441. Aerobic Plate Count (CFU)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 9215 B
		1442. Coliforms (MPN, Detected or not detected)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 9221 B
		1443. Fecal Coliforms (MPN, Detected or not detected)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 9221 B, E

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No.	Type of Sample	Test	Method
62.	<ul style="list-style-type: none"> ● Potable water * ● Non-Potable water * ● Mineral water ● Ice 	1444. <i>Escherichia coli</i> (MPN, Detected or not detected)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 9221 B, F
		1445. <i>Salmonella</i> spp. (Detected or not detected)	ISO 19250:2010
		1446. <i>Staphylococcus aureus</i> (CFU, Detected or not detected)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 9213 B
		1447. Enterococci (CFU, Detected or not detected)	ISO 7899-2:2000
		1448. <i>Pseudomonas aeruginosa</i> (CFU, Detected or not detected)	ISO 16266:2006
		1449. <i>Clostridium perfringens</i> (CFU, Detected or not detected)	ISO 14189:2013

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No.	Type of Sample	Test	Method
63.	<ul style="list-style-type: none"> ● Potable water * ● Non-Potable water * ● Mineral water ● Ice ● Water from cooling tower ● Water from air conditioning and cooling systems ● Industrial wastewater ● Pool water ● Natural water 	<p>1450. <i>Legionella</i> spp. (CFU, Detected or not detected)</p> <p>1451. <i>Legionella pneumophila</i> (CFU, Detected or not detected)</p>	ISO 11731:2017
64.	Wastewater *	<p>1452. Coliforms (MPN, Detected or not detected)</p> <p>1453. Fecal Coliforms (MPN, Detected or not detected)</p>	<p>Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 9221 B</p> <p>Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 9221 B, E</p>

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No.	Type of Sample	Test	Method
64.	Wastewater *	1454. <i>Escherichia coli</i> (MPN, Detected or not detected)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 9221 B, F
65.	Beverage *	1455. Coliforms (MPN, Detected or not detected)	In-house method TE-MI-171 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 9221 B
		1456. Fecal Coliforms (MPN, Detected or not detected)	In-house method TE-MI-171 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 9221 B, E
		1457. <i>Escherichia coli</i> (MPN, Detected or not detected)	In-house method TE-MI-171 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24 th Edition, 2023. Part 9221 B, F

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No.	Type of Sample	Test	Method
66.	Surface swab	1458. Total Plate Count (CFU)	Compendium of Methods for the Microbiological Examination of Foods (APHA), 5 th Edition, 2015, Chapter 3
67.	Carcass rinse	1459. <i>Salmonella</i> spp. (Detected or not detected)	ISO 6579-1:2017/Amd.1:2020

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No.	Type of Sample	Test	Method
68.	Food ⁽³⁾ (except oil and oil products)	GMOs (Screening test) Internal control detection of 18S rRNA Detection of Screening GMO:	In-house method TE-GM-001 based on JRC Compendium of reference method for GMO analysis: 2011. (Chapter 2). P.179-181, 206-208
		1460. Ca MV 35S-promoter 1461. NOS-terminator	In-house method TE-GM-003 based on JRC Compendium of reference method for GMO analysis: 2011. (Chapter 2). P.179-181, 206-208
69.	Feeding stuffs and raw materials	1462. Bovine DNA 1463. Sheep DNA	In-house method TE-GM-002 based on Biosci Biotechnol Biochem, Vol.71, No.12 (2007). P.3131-3135

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No.	Type of Sample	Test	Method
70.	Grains and seeds	1464. Light filth	AOAC (2023) 950.86
71.	Rice flours and rice flour products	1465. Light filth	AOAC (2023) 982.32
72.	Tamarind and tamarind products	1466. Light filth	AOAC (2023) 945.87
73.	Tea and tea products	1467. Light filth	AOAC (2023) 981.18
74.	Curry pastes and spices	1468. Light filth	Laboratory Information Bulletin (LIB) No.2865
75.	<ul style="list-style-type: none"> ● Canned fish ● Fish meal ● Fish products 	1469. Light filth	AOAC (2023) 972.38
76.	<ul style="list-style-type: none"> ● Noodle ● Wonton ● Gyoza 	1470. Light filth	AOAC (2023) 969.41
77.	Frozen Ice cream mochi	1471. Light filth	In-house method TE-PH-044 based on AOAC (2023) 969.41
78.	Ice cream (Non-dairy ice cream)	1472. Light filth	In-house method TE-PH-046 based on AOAC (2023) 945.87
79.	Food ⁽⁴⁾	1473. Water activity	In-house method TE-PH-019 based on AOAC (2023) 978.18

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No.	Type of Sample	Test	Method
80.	Feeding stuffs	1474. Water activity	In-house method TE-PH-019 based on AOAC (2023) 978.18
81.	Rice flours	1475. Amylose	In-house method TE-PH-021 based on Quality and Testing of Thai Hom Mali Rice, Department of Agriculture: 2004, P.117-119
82.	Foods (liquid)	1476. Brix	In-house method TE-PH-020 based on Instruction Manual Hand Refractometer

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Remark:

Plants¹ (fresh and dried) means Type of plants that can be used in herbal and food products, depending on the purpose of use

***** means List of compounds within the scope of laboratory competence certification except the following vegetables and fruit groups

- aldrin * means except high oil/fat fruit
- anilofos * means except brassica vegetables
- bupirimate * means except stone fruit
- carbophenothion * means except stone fruit
- carbophenothion-methyl * means except brassica vegetables and stone fruit
- chlordimeform * means except stone fruit
- dicrotophos * means except brassica vegetables
- difenoconazole * means except stone fruit
- dimethoate⁽¹⁾ means except brassica vegetables
- dimethoate⁽²⁾ means except pome fruit
- fenamiphos * means except stone fruit
- fenthion sulfone * means except brassica vegetables and stone fruit
- mirex * means except high oil/fat fruit
- pyridalyl * means except root vegetables
- pentachlorothioanisol * means except high oil/fat fruit
- sebumeton * means except stone fruit and stem vegetables
- tetrachlorvinphos * means except brassica vegetables

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* (Cont.)	means	List of compounds within the scope of laboratory competence certification except the following vegetables and fruit groups
tetradifon *	means	except stone fruit
tetrasul *	means	except high oil/fat fruit
fenpropidin *	means	except high oil/fat fruit
formetanate *	means	except stone fruit, high sugar content and high oil/fat fruit
phenmedipham *	means	except brassica vegetables
propamocarb *	means	except stone fruit, high sugar content and high oil/fat fruit
spiroxamine *	means	except high oil/fat fruit
dinoterb *	means	except high sugar content
formothion *	means	except pome fruit
tolyfluanid *	means	except brassica vegetables and high oil/fat fruit
azinphos-methyl *	means	except brassica vegetables groups

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Food ⁽¹⁾ means

1. Cereal and cereal products
2. Peanut, nut and nut products
3. Algae and algae products
4. Semi-processed food
5. Spice and seasonings
6. Starch and starch products
7. Flavour enhancer
8. Cookies, biscuits, crackers
9. Beverage from cereals (such as soy milk)
10. Soybean oil, palm oil, coconut oil, sesame oil
11. Curry paste, dried chilli, chilli paste
12. Dried herb

Food ⁽²⁾ means

1. Meat and meat products (fresh, chilled, frozen, processed)
2. Poultry and poultry products (fresh, chilled, frozen, processed)
3. Aquatic animal and aquatic animal products (fresh, chilled, frozen, processed)
4. Vegetable and vegetable products (fresh, chilled, frozen, processed)
5. Fruit and fruit products (fresh, chilled, frozen, processed)
6. Cereal and cereal products (fresh, chilled, frozen, processed)
7. Nuts, beans and products
8. Milk and milk products
9. Egg and egg products

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Food ⁽²⁾ (Cont.) means

10. Algae and algae products
11. Tea, coffee, cocoas
12. Semi-processed foods
13. Fish sauce and other kinds of sauce
14. Spice and seasonings
15. Starch and starch products
16. Food additives
17. Cookies, biscuits, crackers
18. Jam and jelly
19. Chocolate
20. Candy and chewing gum
21. Potato and potato products
22. Honey
23. Ice cream
24. Other food
25. Foods in sealed container
26. Ready-to-cook foods and ready-to-eat foods
27. Beverage *

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Food ⁽³⁾ means

1. Soybean and soybean products
2. Corn and corn products
3. Cereal and cereal products
4. Starch and starch products
5. Vegetable and vegetable products
6. Fruit and fruit products

Food ⁽⁴⁾ means

1. Meat and meat products (fresh, chilled, frozen, processed)
2. Poultry and poultry products (fresh, chilled, frozen, processed)
3. Aquatic animal and aquatic animal products (fresh, chilled, frozen, processed)
4. Vegetable and vegetable products (fresh, chilled, frozen, processed)
5. Fruit and fruit products (fresh, chilled, frozen, processed)
6. Cereal and cereal products (fresh, chilled, frozen, processed)
7. Nuts and nut products
8. Milk and milk products
9. Egg and egg products
10. Algae and algae products
11. Tea, coffee, cocoa
12. Ready-to-cook foods
13. Fish sauce and other kinds of sauce
14. Spice and seasonings
15. Starch and starch products

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Food ⁽⁴⁾ means

16. Food additives
17. Cookies, biscuits, crackers
18. Jam and jelly
19. Chocolate
20. Candy, chewing gum
21. Potato and potato products
22. Honey
23. Ice cream

Food ⁽⁵⁾ means

1. Meat and meat products (fresh, chilled, frozen, processed)
2. Poultry and poultry products (fresh, chilled, frozen, processed)
3. Aquatic animal and aquatic animal products (fresh, chilled, frozen, processed)
4. Vegetable and vegetable products (fresh, chilled, frozen, processed)
5. Fruit and fruit products (fresh, chilled, frozen, processed)
6. Cereal and cereal products (fresh, chilled, frozen, processed)
7. Nuts, beans and products
8. Milk and milk products
9. Egg and egg products
10. Algae and algae products
11. Tea, coffee, cocoas
12. Semi-processed foods
13. Fish sauce and other kinds of sauce

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Food ⁽⁵⁾ means

14. Spice and seasonings
15. Starch and starch products
16. Food additives
17. Cookies, biscuits, crackers
18. Jam and jelly
19. Chocolate
20. Candy and chewing gum
21. Potato and potato products
22. Honey
23. Ice cream
24. Foods in sealed container
25. Ready-to-cook foods and ready-to-eat foods
26. Beverage *

Food ⁽⁶⁾ means

1. Meat and meat products (fresh, chilled, frozen, processed)
2. Poultry and poultry products (fresh, chilled, frozen, processed)
3. Aquatic animal and aquatic animal products (fresh, chilled, frozen, processed)
4. Vegetable and vegetable products (fresh, chilled, frozen, processed)
5. Fruit and fruit products (fresh, chilled, frozen, processed)
6. Cereal and cereal products (fresh, chilled, frozen, processed)
7. Nuts, beans and products
8. Milk and milk products

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Food ⁽⁶⁾ means

9. Egg and egg products
10. Algae and algae products
11. Tea, coffee, cocoas
12. Semi-processed foods
13. Fish sauce and other kinds of sauce
14. Spice and seasonings
15. Starch and starch products
16. Food additives
17. Cookies, biscuits, crackers
18. Jam and jelly
19. Chocolate
20. Candy and chewing gum
21. Potato and potato products
22. Honey
23. Ice cream
24. Other food
25. Foods in sealed container
26. Ready-to-cook foods and ready-to-eat foods

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Feeding stuffs * means

1. Bean and bean meal
2. Rice bran
3. Meat meal, bone meal, fish meal
4. Instant animal feed
5. Pellets feed, powder feed

Milk and milk products * means

1. Products derived from cow's milk and other than cow's milk
2. Flavored milk
3. Fermented milk
4. Modified milk for infants and follow-up formula modified milk for infants and young children
5. Ice cream
6. Ghee
7. Butter
8. Butter oil
9. Margarine
10. Blends
11. Fat spreads
12. Blended fat spreads
13. Milk products
14. Raw milk
15. Milk (pasteurized milk, sterilized milk, UHT / ultra high temperature milk)

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Milk and milk products ** means

1. Products derived from cow's milk and other than cow's milk
2. Flavored milk
3. Fermented milk
4. Modified milk for infants and follow-up formula modified milk for infants and young children

Beverage * means

1. Water with dissolved carbon dioxide or oxygen gas
2. Beverage, which is containing or made from fruits, plants or vegetables, and may also contain dissolved carbon dioxide or oxygen gas
3. Beverage which is containing or made from other constitutes, except fruits, plants or vegetables, and may also contain dissolved carbon dioxide or oxygen gas
4. Beverage as stipulated in (2) or (3), which is concentrated and needs to be diluted before consumption
5. Beverage as stipulated in (2) or (3) in dried form

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Potable water * means

1. Drinking water in sealed container
2. Drinking water in non-sealed container
3. Water to be used in food production process
4. Filtered water
5. Drinking water from automatic vending machine for drinking water
6. Groundwater for consumption

Non-Potable water * means

1. Surface water
2. Underground water
3. Tap water
4. Ground water
5. Natural water, canal water or river
6. Water to be used in the factory
7. Water from irrigation system
8. Treated water
9. Water used in laboratory
10. Steam water
11. Boiler water

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The laboratory Central Laboratory (Thailand) Co., Ltd. Bangkok Branch has been accepted as an accredited laboratory in the field of food, water, feeding stuffs, Fertilizer and herbal product testing for the following scopes.

Wastewater * means

1. Industrial wastewater
2. Wastewater into the ground water well
3. Wastewater from buildings
4. Wastewater from allocated land
5. Wastewater into irrigation system
6. Wastewater from pig farms
7. Wastewater from petrol stations
8. Wastewater from various activities into the river
9. Wastewater from coastal aquaculture ponds
10. Wastewater from brackish water aquaculture ponds
11. Wastewater from freshwater aquaculture ponds
12. Wastewater from community water treatment system