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.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 1. acetochlor 2. alachlor 3. aldrin 4. ametryn 5. anilofos * 6. atrazine 7. azaconazole 8. azinphos-ethyl 9. bifenthrin 10. bitertanol 11. bixafen 12. boscalid 13. bromfenvinfos 14. bromophos-ethyl 15. bromophos-methyl 16. bromopropylate 17. bupirimate * 18. buprofezin 19. cadusafos 20. carbophenothion *	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

Accreditation Number 1051/47

Revised No. 01

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Date Revised 20 October 2026

Valid Until : 21 May 2030

Reviewed by Head of Laboratory Accreditation Section 2 ..... (Mr. Awiruth Khejonnit)

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 21. carbophenothion-methyl * 22. cis-chlordane 23. trans-chlordane 24. chlordimeform * 25. chlorfenapyr 26. chlorfenvinphos 27. chlorobenzilate 28. chlorpropham 29. chlorpyrifos 30. chlorpyrifos-methyl 31. chlorthal-dimethyl 32. chlorthiophos 33. clomazone 34. coumaphos 35. crufomate 36. cyanofenphos 37. cyanophos 38. cyflufenamid 39. cyfluthrin 40. cyhalofop-butyl	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 41. lambda-cyhalothrin 42. cypermethrin 43. cyproconazole 44. cyprodinil 45. o,p'-DDD 46. p,p'-DDD 47. o,p'- DDE 48. p,p'- DDE 49. o,p'- DDT 50. p,p'- DDT 51. deltamethrin 52. diazinon 53. dicloran 54. o,p'-dicofol 55. dicrotophos * 56. dieldrin 57. difenoconazole * 58. diflufenican 59. dimethachlor 60. dimethenamid	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 61. dimethoate 62. dimethomorph 63. dimethylvinphos 64. diniconazole 65. dioxabenzofos 66. disulfoton 67. disulfoton sulfoxide 68. edifenphos 69. alpha-endosulfan 70. beta-endosulfan 71. endosulfan sulfate 72. endrin 73. endrin-ketone 74. EPN 75. epoxiconazole 76. ethion 77. ethofenprox 78. ethoprophos 79. etoxazole 80. etrimfos	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 81. fenamidone 82. fenamiphos * 83. fenarimol 84. fenazaquin 85. fenbuconazole 86. fenchlorphos 87. fenchlorphos oxon 88. fenitrothion 89. fenpropathrin 90. fenpropimorph 91. fenson 92. fenthion 93. fenthion sulfone * 94. fenvalerate 95. fluazifop-P-butyl 96. flutolanil 97. flutriafol 98. fonofos 99. furalaxyl 100. haloxyfop-methyl	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 101. alpha-HCH 102. beta-HCH 103. delta-HCH 104. heptachlor 105. cis-heptachlor epoxide 106. trans-heptachlor epoxide 107. heptenophos 108. iodofenphos 109. isazofos 110. isobenzam 111. isocarbophos 112. isodrin 113. isofenphos 114. isofenphos-methyl 115. isoprothiolane 116. isopyrazam 117. kresoxim-methyl 118. lenacil 119. leptophos 120. lindane 121. malathion	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 122. mepanipyrim 123. metalaxyl 124. metazachlor 125. methamidophos 126. methidathion 127. methoxychlor 128. metolachlor 129. metrafenone 130. metribuzin 131. mevinphos 132. mirex * 133. myclobutanil 134. nitrofen 135. omethoate 136. oxadiazon 137. oxadixyl 138. paclobutrazole 139. parathion 140. parathion-methyl 141. penconazole 142. pentanochlor 143. permethrin	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 144. phenthoate 145. 2-phenylphenol 146. phosalone 147. phthalide 148. picoxystrobin 149. piperonyl butoxide 150. pirimicarb 151. pirimiphos-ethyl 152. pirimiphos-methyl 153. pretilachlor 154. profenofos 155. profluralin 156. prometon 157. prometryn 158. propachlor 159. propanil 160. propazine 161. propetamphos 162. propoxur 163. propyzamide 164. prothiofos 165. prothoate	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 166. pyraflufen-ethyl 167. pyrazophos 168. pyridaben 169. pyridalyl * 170. pyridaphenthion 171. pyrimethanil 172. quinalphos 173. quinoxyfen 174. quintozene 175. pentachlorothioanisol * 176. quizalofop-P-ethyl 177. secbumeton * 178. simazine 179. spiromesifen 180. sulprofos 181. tefluthrin 182. terbufos 183. terbumeton 184. terbuthylazine 185. tetrachlorvinphos * 186. tetraconazole 187. tetradifon *	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 188. tetrasul * 189. thifluzamide 190. tolclofos-methyl 191. tolfenpyrad 192. triadimefon 193. triadimenol 194. triazophos 195. triclopyr-butotyl 196. trietazine 197. trifloxystrobin 198. trifluralin 199. trimethacarb 200. triticonazole 201. uniconazole-P 202. vinclozolin	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique
		Pesticide residues 203. abarmectin 204. acephate 205. acetamiprid 206. acetochlor 207. acrinathrin 208. alachlor	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 209. aldicarb 210. aldicarb sulfone 211. aldicarb sulfoxide 212. allethrin 213. ametoctradin 214. ametryn 215. amicarbazone 216. aminocarb 217. anilofos 218. aramite 219. atrazine 220. azaconazole 221. azamethiphos 222. azinphos-ethyl 223. azinphos-methyl 224. azoxystrobin 225. benalaxyl 226. bendiocarb 227. bensulide 228. bixafen 229. bixafen-desmethyl 230. boscalid	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 231. bromacil 232. bromfenvinphos 233. bromuconazole 234. bupirimate 235. buprofezin 236. butachlor 237. butralin 238. cadusafos 239. carbaryl 240. carbendazim 241. carbetamide 242. carbofuran 243. carbofuran-3-hydroxy 244. carbophenothion 245. carboxin 246. oxycarboxin 247. carfentrazone-ethyl 248. chlorantraniliprole 249. chlorbromuron 250. chlordimeform 251. chlorfenvinphos 252. chlorfluazuron	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 253. chloridazon 254. chlorotoluron 255. chloroxuron 256. chlorpyrifos 257. chlorpyrifos-methyl 258. chlorthiophos 259. chromafenozide 260. clofentezine 261. clomazone 262. clothianidin 263. coumaphos 264. crufomate 265. cyanazine 266. cyanofenphos 267. cyantraniliprole 268. cyazofamid 269. cycluron 270. cyflufenamid 271. cyflumetofen 272. cymoxanil 273. cyproconazole 274. cyprodinil	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 275. cythioate 276. daimuron 277. demeton 278. dialifos 279. diazinon 280. dichlorfenthion 281. dicrotophos 282. diethofencarb 283. difenoconazole 284. diflubenzuron 285. diflufenican 286. dimethachlor 287. dimethenamid 288. dimethipin 289. dimethoate * 290. dimethomorph 291. dimethylvinphos 292. dimoxystrobin 293. diniconazole 294. dinotefuran 295. dioxathion 296. diphenamid	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 297. disulfoton 298. disulfoton sulfone 299. disulfoton sulfoxide 300. diuron 301. DMST 302. edifenphos 303. emamectin benzoate 304. EPN 305. epoxiconazole 306. ethiofencarb 307. ethiofencarb sulfone 308. ethiofencarb sulfoxide 309. ethion 310. ethiprole 311. ethiprole sulfone 312. ethirimol 313. ethofumesate 314. ethoprophos 315. etofenprox 316. etoxazole 317. etrimfos	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 318. famoxadone 319. fenamidone 320. fenamiphos 321. fenamiphos sulfone 322. fenamiphos sulfoxide 323. fenarimol 324. fenbuconazole 325. fenhexamid 326. fenobucarb 327. fenothiocarb 328. fenoxaprop-P-ethyl 329. fenoxycarb 330. fenpiclonil 331. fenpicoxamid 332. fenpropathrin 333. fenpropidin * 334. fenpropimorph 335. fenpyrazamine 336. fenpyroximate 337. fensulfothion 338. fenthion	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 339. fenthion oxon 340. fenthion oxon sulfone 341. fenthion oxon sulfoxide 342. fenthion sulfoxide 343. fipronil 344. fipronil sulfone 345. flonicamid 346. fluazifop-P-butyl 347. fluazinam 348. flubendiamide 349. fludioxonil 350. flufenacet 351. flufenoxuron 352. flumioxazin 353. fluometuron 354. fluopicolide 355. fluopyram 356. fluopyram-benzamide 357. flupyradifurone 358. fluquinconazole 359. fluridone	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 360. flurochloridone 361. flurtamone 362. flusilazole 363. flutolanil 364. flutriafol 365. tau-fluvalinate 366. fluxapyroxad 367. fonofos 368. formetanate * 369. fosthiazate 370. furalaxyl 371. furathiocarb 372. haloxyfop-methyl 373. heptenophos 374. hexaconazole 375. hexaflumuron 376. hexazinone 377. hexythiazox 378. imibenconazole 379. imidacloprid 380. indaziflam 381. indoxacarb	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 382. ipconazole 383. iprodione 384. iprovalicarb 385. isazofos 386. isofenphos 387. isofenphos-methyl 388. isoprocarb 389. isoprothiolane 390. isoproturon 391. isopyrazam 392. isoxaflutole 393. kresoxim-methyl 394. lenacil 395. linuron 396. lufenuron 397. malaoxon 398. malathion 399. mandipropamid 400. mecarbam 401. mefenacet 402. mepanipyrim 403. mephosfolan	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 404. metalaxyl 405. metazachlor 406. metconazole 407. methacrifos 408. methamidophos 409. methidathion 410. methiocarb 411. methomyl 412. methoxyfenozide 413. metobromuron 414. metolachlor 415. metolcarb 416. metoxuron 417. metrafenone 418. metribuzin 419. molinate 420. monocrotophos 421. monolinuron 422. myclobutanil 423. novaluron 424. ofurace 425. omethoate	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 426. oxadiazon 427. oxadixyl 428. oxamyl 429. oxathiapiprolin 430. oxaziclomefone 431. oxydemeton-methyl 432. demeton-S-methyl 433. demeton-S-methyl sulfone 434. paclobutrazole 435. paraoxon-ethyl 436. parathion 437. penconazole 438. pencycuron 439. pendimethalin 440. penflufen 441. penthiopyrad 442. pethoxamid 443. phenmedipham * 444. phenothrin 445. phenthoate 446. phorate	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 447. phorate sulfone 448. phorate sulfoxide 449. phosalone 450. phosfolan 451. phosmet 452. phosmet oxon 453. phosphamidon 454. phoxim 455. picolinafen 456. picoxystrobin 457. piperonyl butoxide 458. pirimicarb 459. pirimicarb-desmethyl 460. pirimicarb-desmethyl formamido 461. pirimiphos-ethyl 462. pirimiphos-methyl 463. pretilachlor 464. prochloraz 465. procymidone 466. profenofos 467. promecarb	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 468. prometon 469. prometryn 470. propachlor 471. propamocarb * 472. propanil 473. propaphos 474. propaquizafop 475. propargite 476. propazine 477. propetamphos 478. propham 479. propiconazole 480. propyzamide 481. proquinazid 482. prosulfocarb 483. prothiofos 484. prothoate 485. pyraclofos 486. pyraclostrobin 487. pyraflufen-ethyl 488. pyrazophos 489. pyrethrins	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 490. pyribenzoxim 491. pyridaben 492. pyridaphenthion 493. pyridalyl * 494. pyrifenox 495. pyrimethanil 496. pyriofenone 497. pyriproxyfen 498. quinalphos 499. quinoclamine 500. quinoxyfen 501. quizalofop-methyl 502. quizalofop-P-ethyl 503. rotenone 504. secbumeton 505. sethoxydim 506. silthiofam 507. simazine 508. simeconazole 509. spinetoram 510. spinosad 511. spirodiclofen	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 512. spiromesifen 513. spiroxamine * 514. sulfotep 515. sulfoxaflor 516. sulprofos 517. tebuconazole 518. tebufenozide 519. tebufenpyrad 520. tebupirimfos 521. teflubenzuron 522. temephos 523. terbufos 524. terbufos sulfone 525. terbufos sulfoxide 526. terbumeton 527. terbuthylazine 528. terbutryn 529. tetrachlorvinphos 530. tetraconazole 531. tetramethrin 532. thiabendazole 533. thiacloprid	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 534. thiamethoxam 535. thiazafluron 536. thifluzamide 537. thiobencarb 538. thiofanox 539. thiofanox sulfone 540. thiofanox sulfoxide 541. thiometon 542. tolclofos-methyl 543. tolfenpyrad 544. triadimefon 545. triadimenol 546. tri-allate 547. triazophos 548. trichlorfon 549. triclopyr-butotyl 550. tricyclazole 551. trietazine 552. trifloxystrobin 553. triflumizole 554. triflumuron 555. trimethacarb	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
1.	• Vegetables and fruits (fresh, chilled, frozen) • Rice	**Pesticide residues** 556. triticonazole 557. uniconazole-P 558. valifenalate 559. vamidothion 560. zoxamide	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique
2.	Vegetables and fruits (fresh, chilled, frozen)	**Pesticide residues** 561. azinphos-methyl * 562. bromuconazole 563. dichlorvos 564. p,p'-dicofol 565. hexachlorobenzene (HCB) 566. monocrotophos 567. terbutryn	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique
		Pesticide residues 568. difenoconazole-alcohol 569. dinoterb * 570. formothion * 571. methiocarb sulfone 572. methiocarb sulfoxide 573. paraoxon-methyl 574. phthalide	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
2.	Vegetables and fruits (fresh, chilled, frozen)	**Pesticide residues** 575. pinoxaden 576. prothioconazole-desthio 577. sedaxane 578. silafluofen 579. spirotetramat 580. terbacil 581. thiodicarb 582. tolylfluanid *	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique
3.	Rice	**Pesticide residues** 583. aclonifen 584. azoxystrobin 585. bendiocarb 586. bromacil 587. butralin 588. carboxin 589. chinomethionate 590. chlorthion 591. chlozolinate 592. DEET 593. dimethipin 594. dioxathion 595. disulfoton sulfone	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
3.	Rice	**Pesticide residues** 596. ditalimfos 597. ethiofencarb 598. ethoxyquin 599. fenoxaprop-P-ethyl 600. fenthion sulfoxide 601. flucythrinate 602. formothion 603. hexazinone 604. malaoxon 605. nicotine 606. ofurace 607. oxydemeton-methyl 608. phorate 609. phosmet 610. phosphamidon 611. picolinafen 612. procymidone 613. pyriproxyfen 614. simeconazole 615. sulfotep	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique

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No.	Type of Sample	Test	Method
3.	Rice	**Pesticide residues** 616. tebupirimfos 617. tetramethrin 618. thiometon	QuEChERS Method EN 15662:2018 by GC-MS/MS Technique
		Pesticide residues 619. aclonifen 620. bentazone 621. bifenazate 622. bifenazate-diazene 623. camphechlor 624. cycloxydim 625. DEET 626. diafenthiuron 627. dichlorvos 628. ethoxyquin 629. fenazaquin 630. HEMA 631. imazalil 632. metaflumizone 633. profoxydim 634. resmethrin 635. sulfentrazone 636. tepraloxydim	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique

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No.	Type of Sample	Test	Method
3.	Rice	**Pesticide residues** 637. thidiazuron 638. thiophanate-ethyl 639. triazoxide 640. tritosulfuron	QuEChERS Method EN 15662:2018 by LC-MS/MS Technique
4.	• Potable water * • Non-Potable water * (except natural water and surface water) • Mineral water • Ice	**Pesticide residues** **Organochlorine group** 641. aldrin 642. alpha-BHC 643. alpha-chlordane 644. alpha-endosulfan 645. beta-BHC 646. beta-endosulfan 647. delta-BHC 648. dieldrin 649. endosulfan sulfate 650. endrin 651. gamma-BHC (lindane) 652. gamma-chlordane 653. heptachlor 654. heptachlor-epoxide 655. hexachlorobenzene (HCB)	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/μECD 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.	• Potable water * • Non-Potable water * (except natural water and surface water) • Mineral water • Ice	**Organochlorine group** 656. o,p'-TDE 657. o,p'-DDE 658. o,p'-DDT 659. p,p'-TDE 660. p,p'-DDE 661. p,p'-DDT	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/μECD Technique
		Pyrethroid group 662. bifenthrin 663. cyfluthrin 664. cypermethrin 665. deltamethrin 666. fenvalerate 667. lambda-cyhalothrin	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/μECD Technique
		Organophosphate group 668. azinphos-ethyl 669. azinphos-methyl 670. chlorpyrifos 671. diazinon 672. dichlorvos (DDVP) 673. dicrotophos 674. dimethoate 675. EPN	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/FPD Technique

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No.	Type of Sample	Test	Method
4.	• Potable water * • Non-Potable water * (except natural water and surface water) • Mineral water • Ice	**Organophosphate group** 676. ethion 677. fenitrothion 678. malathion 679. methidathion 680. mevinphos 681. parathion 682. parathion-methyl 683. phosalone 684. pirimiphos-ethyl 685. pirimiphos-methyl 686. profenofos 687. prothiofos 688. triazophos	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/FPD Technique
		Carbamate group 689. aldicarb 690. aldicarb sulfone 691. carbaryl 692. carbofuran 693. carbofuran-3-hydroxy 694. fenobucarb 695. isoprocarb	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by LC-MS Technique

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No.	Type of Sample	Test	Method
4.	• Potable water * • Non-Potable water * (except natural water and surface water) • Mineral water • Ice	**Carbamate group** 696. methiocarb 697. methiocarb sulfoxide 698. methomyl 699. metolcarb 700. oxamyl 701. promecarb 702. thiodicarb	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by LC-MS Technique
		Pesticide residues 703. alachlor 704. captan 705. chlorothalonil 706. dimethenamid 707. etridiazole 708. fipronil 709. mirex 710. pyridalyl 711. quintozene 712. tetradifon 713. trifluralin	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/μECD 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.	• Potable water * • Non-Potable water * (except natural water and surface water) • Mineral water • Ice	**Pesticide residues** 714. coumaphos 715. edifenphos 716. ethoprophos 717. fenamiphos 718. phenthoate 719. phosmet 720. phosphamidon 721. pyrazophos 722. pyridaphenthion 723. quinalphos 724. thiometon 725. tolclofos-methyl	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/FPD Technique
5.	Natural water and surface water	**Pesticide residues** **Organochlorine group** 726. aldrin 727. alpha-BHC 728. alpha-Chlordane 729. alpha-Endosulfan 730. beta-BHC 731. eta-Endosulfan 732. delta-BHC 733. dieldrin	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/μECD 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.	Natural water and surface water	**Organochlorine group** 734. endosulfan sulfate 735. endrin 736. gamma-BHC (lindane) 737. gamma-chlordane 738. heptachlor 739. heptachlor-epoxide 740. hexachlorobenzene (HCB) 741. o,p'-TDE 742. o,p'-DDE 743. o,p'-DDT 744. p,p'-TDE 745. p,p'-DDE 746. p,p'-DDT	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/μECD Technique
		Pyrethroid group 747. bifenthrin 748. cyfluthrin 749. cypermethrin 750. deltamethrin 751. fenvalerate 752. lambda-cyhalothrin	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/μECD Technique

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No.	Type of Sample	Test	Method
5.	Natural water and surface water	**Organophosphate group** 753. azinphos-ethyl 754. azinphos-methyl 755. chlorpyrifos 756. diazinon 757. dichlorvos (DDVP) 758. dicrotophos 759. dimethoate 760. EPN 761. ethion 762. fenitrothion 763. malathion 764. methidathion 765. mevinphos 766. monocrotophos 767. parathion 768. parathion-methyl 769. phosalone 770. pirimiphos-ethyl 771. pirimiphos-methyl 772. profenofos 773. prothiofos 774. triazophos	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th 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.	Natural water and surface water	**Carbamate group** 775. aldicarb 776. aldicarb sulfone 777. carbaryl 778. carbofuran 779. carbofuran-3-hydroxy 780. fenobucarb 781. isoprocarb 782. methiocarb 783. methiocarb sulfoxide 784. methomyl 785. metolcarb 786. oxamyl 787. promecarb 788. thiodicarb	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by LC-MS Technique
		Pesticide residues 789. alachlor 790. captan 791. dimethenamid 792. etridiazole 793. fipronil 794. mirex 795. pyridalyl	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/μECD 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.	Natural water and surface water	**Pesticide residues** 796. quintozene 797. tetradifon 798. trifluralin	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/μECD Technique
		Pesticide residues 799. coumaphos 800. edifenphos 801. formothion 802. phenthoate 803. phosmet 804. phosphamidon 805. pyrazophos 806. pyridaphenthion 807. quinalphos 808. thiometon 809. tolclofos-methyl	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th 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.	Wastewater * (except wastewater from gas station)	**Pesticide residues** **Organochlorine group** 810. aldrin 811. alpha-BHC 812. alpha-chlordane 813. alpha-endosulfan 814. beta-BHC 815. beta-endosulfan 816. delta-BHC 817. dieldrin 818. endosulfan sulfate 819. endrin 820. gamma-BHC (lindane) 821. gamma-chlordane 822. heptachlor 823. heptachlor-epoxide 824. hexachlorobenzene (HCB) 825. o,p'-TDE 826. o,p'-DDE 827. o,p'-DDT 828. p,p'-TDE	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/μECD 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.	Wastewater * (except wastewater from gas station)	**Organochlorine group** 829. p,p'-DDE 830. p,p'-DDT	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/μECD Technique
		Pyrethroid group 831. bifenthrin 832. cyfluthrin 833. cypermethrin 834. deltamethrin 835. fenvalerate 836. lambda-cyhalothrin	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/μECD Technique
		Organophosphate group 837. azinphos-ethyl 838. azinphos-methyl 839. chlorpyrifos 840. diazinon 841. dichlorvos (DDVP) 842. dicrotophos 843. dimethoate 844. EPN 845. ethion	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th 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.	Wastewater * (except wastewater from gas station)	**Organophosphate group** 846. fenitrothion 847. malathion 848. methamidophos 849. methidathion 850. monocrotophos 851. parathion 852. parathion-methyl 853. phosalone 854. pirimiphos-ethyl 855. pirimiphos-methyl 856. profenofos 857. prothiofos 858. triazophos	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/FPD Technique
		Carbamate group 859. aldicarb 860. aldicarb sulfone 861. aldicarb sulfoxide 862. carbaryl 863. carbofuran 864. carbofuran-3-hydroxy 865. fenobucarb	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by LC-MS Technique

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No.	Type of Sample	Test	Method
6.	Wastewater * (except wastewater from gas station)	**Carbamate group** 866. isoprocarb 867. methiocarb 868. methiocarb sulfone 869. methiocarb sulfoxide 870. methomyl 871. metolcarb 872. oxamyl 873. promecarb 874. thiodicarb	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by LC-MS Technique
		Pesticide residues 875. alachlor 876. etridiazole 877. fipronil 878. mirex 879. pyridalyl 880. quintozene 881. tetradifon 882. trifluralin	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/μECD Technique

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No.	Type of Sample	Test	Method
6.	Wastewater * (except wastewater from gas station)	**Pesticide residues** 883. coumaphos 884. edifenphos 885. ethoprophos 886. formothion 887. phenthoate 888. phosmet 889. phosphamidon 890. pyrazophos 891. pyridaphenthion 892. quinalphos 893. thiometon 894. tolclofos-methyl	In-house method TE-CH-207 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 6410 B, 6610 B, 6630 B and 6630 C. by GC/FPD Technique
7.	• Okra • Rice	895. dithiocarbamate	In-house method TE-CH-367 based on EU Reference Laboratories for single residue methods, version 2, 2009
8.	Asparagus	896. paraquat 897. diquat	In-house method TE-CH-280 based on EURL-SRM, QuPPe-Method, Version 9.3, 2017
		898. glyphosate 899. AMPA	In-house method TE-CH-307 based on Journal of Chromatography A, 886 (2000). P.207-216

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No.	Type of Sample	Test	Method
8.	Asparagus	900. 2,4-D	In-house method TE-CH-308 based on QuEChERS Method EN 15662:2018
9.	Soils	**Pesticide residues** **Organochlorine group** 901. aldrin 902. alpha-BHC 903. alpha-chlordane 904. alpha-endosulfan 905. beta-BHC 906. beta-endosulfan 907. dieldrin 908. endosulfan-sulfate 909. endrin 910. gamma-BHC (lindane) 911. gamma-chlordane 912. heptachlor 913. heptachlor-epoxide 914. hexachlorobenzene (HCB) 915. o,p'-TDE 916. o,p'-DDE 917. o,p'-DDT	In-house method TE-CH-328 based on QuEChERS Method EN 15662:2018 by GC/μECD Technique

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No.	Type of Sample	Test	Method
9.	Soils	**Organochlorine group** 918. p,p'-TDE 919. p,p'-DDE 920. p,p'-DDT	In-house method TE-CH-328 based on QuEChERS Method EN 15662:2018 by GC/μECD Technique
		Pyrethroid group 921. bifenthrin 922. cyfluthrin 923. cypermethrin 924. deltamethrin 925. fenvalerate 926. lambda-cyhalothrin 927. mirex 928. permethrin	In-house method TE-CH-328 based on QuEChERS Method EN 15662:2018 by GC/μECD Technique
		Organophosphate group 929. azinphos-ethyl 930. chlorpyrifos 931. diazinon 932. dichlorvos (DDVP) 933. dicrotophos 934. dimethoate 935. EPN 936. ethion 937. fenitrothion	In-house method TE-CH-328 based on QuEChERS Method EN 15662:2018 by GC/FPD Technique

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No.	Type of Sample	Test	Method
9.	Soils	**Organophosphate group** 938. malathion 939. methamidophos 940. methidathion 941. mevinphos 942. monocrotophos 943. omethoate 944. parathion 945. parathion-methyl 946. phosalone 947. pirimiphos-ethyl 948. pirimiphos-methyl 949. profenofos 950. prothiofos 951. triazophos	In-house method TE-CH-328 based on QuEChERS Method EN 15662:2018 by GC/FPD Technique
		Carbamate group 952. aldicarb 953. aldicarb sulfone 954. aldicarb sulfoxide 955. carbaryl 956. carbofuran 957. carbofuran-3-hydroxy 958. fenobucarb	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
9.	Soils	**Carbamate group** 959. isoprocarb 960. methiocarb 961. methiocarb sulfone 962. methiocarb sulfoxide 963. methomyl 964. metolcarb 965. oxamyl 966. promecarb 967. thiodicarb	In-house method TE-CH-328 based on QuEChERS Method EN 15662:2018 by LC-MS Technique
10.	• Chilli • Tomato • Product consist of chilli and tomato - Curry paste - Seasoning	**Sudan dye** 968. Sudan I 969. Sudan II 970. Sudan III 971. 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 products a base de pigment. Laboratories de Paris-Massy
11.	• Oyster sauce • Fish sauce • Soy sauce	972. 3-Monochloropropane-1,2-diol (3-MCPD) 973. 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

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
12.	• Food [(1)] • Feeding stuffs and raw materials	974. Aflatoxin B1 975. Aflatoxin B2 976. Aflatoxin G1 977. Aflatoxin G2 978. Total Aflatoxin	In-house method TE-CH-025 based on AOAC (2023) 991.31 and 994.08
13.	• Plants [1] (fresh and dried) • Cannabis plants, Kratom (fresh and dried)	979. Aflatoxin B1 980. Aflatoxin B2 981. Aflatoxin G1 982. Aflatoxin G2 983. Total Aflatoxin	In-house method TE-CH-025 based on AOAC (2023) 991.31 and 994.08
14.	Milk and milk products * (both liquid and powder types except butter oil)	984. Aflatoxin M1	In-house method TE-CH-323 based on AOAC (2023) 2000.08
15.	• Cereal and cereal products - Rice - Corn - Flour - Cereal bar • Spices and herb • Coffee	985. Ochratoxin A	In-house method TE-CH-138 based on AOAC (2023) 2000.09

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No.	Type of Sample	Test	Method
16.	Pig urine and meat (fresh, chilled, frozen)	986. Beta-agonist	Euro Proxima B.V, 5061 BAG (22) 02.24
17.	Meat and meat products (fresh, chilled, frozen)	**Beta-agonist** 987. salbutamol 988. clenbuterol 989. ractopamine 990. brombuterol 991. terbutaline 992. fenoterol 993. zilpaterol	In-house method TE-CH-044 based on Journal of Chromatography B., (2004), Vol.813. P.35-45
18.	• Meat and meat products (fresh, chilled, frozen) • Aquatic animal tissue and aquatic animal tissue products (fresh, chilled, frozen)	994. Chloramphenicol	- Euro Proxima B.V, 5091 CAP (24) 02.24 - In-house method TE-CH-027 based on Journal of Chromatography B., (2003), Vol.791. P.31-38
		Quinolone group and Fluoroquinolone group 995. enrofloxacin 996. ciprofloxacin 997. norfloxacin 998. sarafloxacin 999. danofloxacin	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
18.	• Meat and meat products (fresh, chilled, frozen) • Aquatic animal tissue and aquatic animal tissue products (fresh, chilled, frozen)	**Quinolone group and Fluoroquinolone group** 1000. difloxacin 1001. flumequine 1002. nalidixic acid 1003. oxolinic acid	In-house method TE-CH-115 based on Journal of Chromatography A., (2002), Vol.974. P.53-89
		Tetracycline group 1004. chlortetracycline 1005. oxytetracycline 1006. tetracycline 1007. doxycycline	In-house method TE-CH-298 based on Journal of Chromatography A., (2003), Vol.987. P.227-233
		Sulfonamide group 1008. sulfanilamide 1009. sulfadiazine 1010. sulfapyridine 1011. sulfathiazole 1012. sulfamerazine 1013. sulfamethazine (sulfadimidine) 1014. sulfamonomethoxine 1015. sulfachloropyridazine	In-house method TE-CH-061 based on Journal of Chromatography A., (2000), Vol.898. P.95-102

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
18.	• Meat and meat products (fresh, chilled, frozen) • Aquatic animal tissue and aquatic animal tissue products (fresh, chilled, frozen)	**Sulfonamide group** 1016. sulfisoxazole 1017. sulfamethoxazole 1018. sulfadimethoxine 1019. 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) 1020. 3-amino-2-oxazolidinone (AOZ) 1021. 3-amino-5-morpholinomethyl-2-oxazolidinone (AMOZ) 1022. 1-aminohydantoin (AHD) 1023. 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)
19.	Meat and meat products (fresh, chilled, frozen)	**Nitrofuran metabolites (Total and tissue-bound)** 1024. 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
20.	Aquatic animal tissue and aquatic animal tissue products (fresh, chilled, frozen)	**Nitrofuran metabolites (Total and tissue-bound)** 1025. 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)
21.	Aquatic animal tissue (fresh, chilled, frozen)	**Malachite green** 1026. malachite green 1027. leuco-malachite green	In-house method TE-CH-070 based on Journal of Analytical Chimica Acta, Vol.529 (2005). P.173-177
22.	Pig serum	**Sulfonamide group** 1028. sulfanilamide 1029. sulfadiazine 1030. sulfapyridine 1031. sulfathiazole 1032. sulfamerazine 1033. sulfamethazine (sulfadimidine) 1034. sulfamonomethoxine 1035. sulfachloropyridazine 1036. sulfisoxazole	In-house method TE-CH-167 based on Journal of Chromatography., Vol.18 (5); (1995). P.965-975

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
22.	Pig serum	**Sulfonamide group** 1037. sulfamethoxazole 1038. sulfadimethoxine 1039. sulfaquinoxaline	In-house method TE-CH-167 based on Journal of Chromatography., Vol.18 (5); (1995). P.965-975
23.	Liver (fresh, chilled, frozen) - Duck - Chicken - Pig	1040. Chloramphenicol	Euro Proxima B.V, 5091 CAP (24) 02.24
		Nitrofuran metabolites (Total and tissue-bound) 1041. 3-amino-2-oxazolidinone (AOZ) 1042. 3-amino-5-morpholinomethyl-2-oxazolidinone (AMOZ) 1043. 1-aminohydantoin (AHD) 1044. semicarbazide (SEM)	In-house method TE-CH-002 based on Journal of Chromatography B., (1997), Vol.691. P.87-94 (Tissue Bound Residues)
24.	• Chilli sauce • Tomato sauce • Products consist of chilli and tomato sauce	**Sudan dye and para red** 1045. Sudan I 1046. Sudan II 1047. Sudan III 1048. Sudan IV 1049. Para red	In-house method TE-CH-112 based on Journal of Chromatography A., (2004), Vol.1042. P.123-130

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
25.	Feeding stuffs * and raw materials	**Sulfonamide group** 1050. sulfadiazine 1051. sulfapyridine 1052. sulfathiazole 1053. sulfamerazine 1054. sulfamethazine (sulfadimidine) 1055. sulfamonomethoxine 1056. sulfachloropyridazine 1057. sulfisoxazole 1058. sulfamethoxazole 1059. sulfadimethoxine 1060. sulfaquinoxaline	In-house method TE-CH-258 based on Journal of Chromatography A., (2000), Vol.898. P.95-102
		Nitrofuran (parent drug) 1061. nitrofurazone (NFZ) 1062. nitrofurantoin (NFT) 1063. furazolidone (FZD) 1064. furaltadone (FTD)	In-house method TE-CH-001 based on Journal of Chromatography A., (1997), Vol.771. P.349-354

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No.	Type of Sample	Test	Method
25.	Feeding stuffs * and raw materials	**Quinolone group and Fluoroquinolone group** 1065. enrofloxacin 1066. ciprofloxacin 1067. norfloxacin 1068. sarafloxacin 1069. danofloxacin 1070. difloxacin 1071. flumequine 1072. nalidixic acid 1073. oxolinic acid	In-house method TE-CH-259 based on Journal of Chromatography A., (2002), Vol.952. P.121-129
		Melamine and derivatives 1074. melamine 1075. ammeline 1076. ammelide 1077. cyanuric acid	In-house method TE-CH-166 based on Laboratory Information Bulletin. LIB No.4423, Vol.24, 2008
26.	• Feeding stuffs * and raw materials • Milk and milk products **	1078. 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
26.	• Feeding stuffs * and raw materials • Milk and milk products **	**Melamine and derivatives** 1079. melamine 1080. ammeline 1081. ammelide	In-house method TE-CH-209 based on Laboratory Information Bulletin. LIB No.4422, 2008
27.	Pig urine	**Beta-agonist** 1082. salbutamol 1083. clenbuterol 1084. ractopamine 1085. brombuterol 1086. terbutaline 1087. fenoterol 1088. zilpaterol	In-house method TE-CH-044 based on Journal of Chromatography B., (2004), Vol.813. P.35-45
28.	Durian (Fresh, Chilled, Frozen) - Peel - Pulp - Peel and pulp	1089. Basic Yellow 2 (Auramine O)	In-house method TE-CH-482 based on BJS 202204, 2022-02-07

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No.	Type of Sample	Test	Method
29.	Meat and meat products (fresh, chilled, frozen, processed)	1090. Protein	In-house method TE-CH-042 based on AOAC (2023) 981.10
		1091. Moisture	AOAC (2023) 950.46 (B)
		1092. Ash	AOAC (2023) 920.153
		1093. Total fat	AOAC (2023) 948.15
30.	Seafood and seafood products (fresh, chilled, frozen, processed)	1094. Fat	AOAC (2023) 948.15
31.	Cereal and cereal products	1095. Fat	AOAC (2023) 922.06
32.	Feeding stuffs and raw materials	1096. Protein	In-house method TE-CH-012 based on AOAC (2023) 981.10
		1097. Moisture	AOAC (2023) 930.15
		1098. Ash	AOAC (2023) 942.05
		1099. Crude fiber	In-house method TE-CH-122 based on AOAC (2023) 978.10
		1100. Crude fiber	In-house method TE-CH-416 based on AOCS (2017) Ba 6a-05
		1101. Fat	In-house method TE-CH-160 based on AOAC (2023) 920.39
33.	Starch and starch products	1102. Total nitrogen 1103. Protein	In-house method TE-CH-230 based on AOAC (2023) 981.10

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No.	Type of Sample	Test	Method
33.	Starch and starch products	1104. Moisture	AOAC (2023) 925.10
		1105. Ash	AOAC (2023) 923.03
34.	• Candy • Beverage * • Vegetable, fruit and Vegetable products, fruit products	**Synthetic color** 1106. Amaranth, E123 1107. Allura Red AC, E129 1108. Brilliant Blue FCF, E133 1109. Carmoisine or Azorubin, E122 1110. Fast Green FCF, E143 1111. Ponceau 4R, E124 1112. Quinoline Yellow, E104 1113. Sunset Yellow FCF, E110 1114. Tartrazine, E102	In-house method TE-CH-163 based on TIS 696 (1987)
35.	Food [5]	1115. Total dietary fiber	In-house method TE-CH-076 based on AOAC (2023) 985.29
		1116. Cholesterol	In-house method TE-CH-143 based on AOAC (2023) 994.10
		1117. Carbohydrate 1118. 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
35.	Food [5]	**Fatty Acid** - **Saturated (17)** 1119. Butyric acid (C4:0) 1120. Caproic acid (C6:0) 1121. Caprylic acid (C8:0) 1122. Capric acid (C10:0) 1123. Undecanoic acid (C11:0) 1124. Lauric acid (C12:0) 1125. Tridecanoic acid (C13:0) 1126. Myristic acid (C14:0) 1127. Pentadecanoic acid (C15:0) 1128. Palmitic acid (C16:0) 1129. Heptadecanoic acid (C17:0) 1130. Stearic acid (C18:0) 1131. Arachidic acid (C20:0) 1132. 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
35.	Food [5]	- **Saturated (17)** 1133. Behenic acid (C22:0) 1134. Tricosanoic acid (C23:0) 1135. Lignoceric acid (C24:0)	In-house method TE-CH-208 based on AOAC (2023) 996.06
		- **Monounsaturated (9)** 1136. Myristoleic acid (C14:1) 1137. Pentadecenoic acid (C15:1) 1138. Palmitoleic acid (C16:1n7) 1139. Heptadecenoic acid (C17:1) 1140. Elaidic acid (C18:1n9t) 1141. Oleic acid (C18:1n9c) (Omega-9) 1142. Eicosenoic acid (C20:1n9) (Omega-9)	In-house method TE-CH-208 based on AOAC (2023) 996.06

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
35.	Food [5]	- **Monounsaturated (9)** 1143. Erucic acid (C22:1n9) (Omega-9) 1144. Nervonic acid (C24:1n9) (Omega-9)	In-house method TE-CH-208 based on AOAC (2023) 996.06
		- **Polyunsaturated (11)** 1145. Linolelaidic acid (C18:2n6t) 1146. Linoleic acid (C18:2n6c) (Omega-6) 1147. gamma-Linolenic acid (C18:3n6) (Omega-6) 1148. alpha-Linolenic acid (ALA) (C18:3n3) (Omega-3) 1149. Eicosadienoic acid (C20:2n6) (Omega-6) 1150. Eicosatrienoic acid (C20:3n6) (Omega-6) 1151. 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
35.	Food [5]	- **Polyunsaturated (11)** 1152. Arachidonic acid (ARA) (C20:4n6) (Omega-6) 1153. Docosadienoic acid (C22:2n6) (Omega-6) 1154. Eicosapentaenoic acid (EPA) (C20:5n3) (Omega-3) 1155. Docosahexaenoic acid (DHA) (C22:6n3) (Omega-3)	In-house method TE-CH-208 based on AOAC (2023) 996.06
		1156. Trans fat	In-house method TE-CH-208 based on AOAC (2023) 996.06
		1157. Omega-3 1158. Omega-6 1159. Omega-9	In-house method TE-CH-208 based on AOAC (2023) 996.06
		1160. Total phosphorus (as P) 1161. Total phosphorus (as P_2O_5)	AOAC (2023) 986.24

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No.	Type of Sample	Test	Method
35.	Food [5]	1162. Benzoic acid 1163. Sorbic acid	In-house method TE-CH-020 based on Nordic Committee on Food Analysis No.124, 1997
		1164. Sulfur dioxide (SO_2)	AOAC (2023) 990.28
		1165. Vitamin C (L-ascorbic acid)	In-house method TE-CH-120 based on Bull Dept Med Sci., Vol.40 (3); 1998, P.347-357
		1166. Vitamin A (Retinol)	In-house method TE-CH-024 based on AOAC (2023) 992.06
		1167. Vitamin B1 (Thiamine)	In-house method TE-CH-057 based on AOAC (2023) 942.23
		1168. Vitamin B2 (Riboflavin)	In-house method TE-CH-057 based on Journal of Agricultural and Food Chemistry, Vol.32 (1984). P.1326-1331
36.	Beverage *	1169. Caffeine	In-house method TE-CH-019 based on AOAC (2023) 979.08
37.	Aquatic animal and aquatic animal products (fresh, chilled, frozen, processed)	1170. 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
38.	Pet Food	1171. Fat	AOAC (2023) 954.02
39.	Feeding stuffs	1172. Fat	In-house method TE-CH-014 based on AOAC (2023) 954.02
		Amino acid (19) 1173. Alanine 1174. Arginine 1175. Aspartic acid 1176. Cystine 1177. Glutamic acid 1178. Glycine 1179. Histidine 1180. Hydroxylysine 1181. Hydroxyproline 1182. Isoleucine 1183. Leucine 1184. Lysine 1185. Methionine 1186. Phenylalanine 1187. Proline 1188. Serine 1189. Threonine 1190. Tyrosine 1191. 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
39.	Feeding stuffs	1192. Tryptophan	In-house method TE-CH-373 based on Journal of Food Chemistry, Vol.193 (2016). P.26-29
40.	Milk and milk products *	1193. Moisture	In-house method TE-CH-391 based on AOAC (2023) 927.05
		1194. Total solids	In-house method TE-CH-391 based on AOAC (2023) 927.05
		1195. Total fat	In-house method TE-CH-015 based on AOAC (2023) 989.05
41.	• Milk and milk products * • Tea • Coffee • Cocoa • Fruit juice	**Sugar** 1196. Fructose 1197. Glucose 1198. Sucrose 1199. Maltose 1200. Lactose 1201. Total sugar	In-house method TE-CH-164 based on AOAC (2023) 977.20
42.	• Meat and meat products (fresh, chilled, frozen, processed) • Fish sauce	1202. Sodium chloride	In-house method TE-CH-175 based on AOAC (2023) 937.09

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No.	Type of Sample	Test	Method
43.	Chemical fertilizer	1203. Water soluble Potassium (as K_2O)	- 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
44.	Aquatic animal and aquatic animal products (fresh, chilled, frozen, processed)	1204. 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
		1205. 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
		1206. Mercury (Hg)	In-house method TE-CH-035 based on AOAC (2023) 974.14
45.	Feeding stuffs and raw materials	1207. Calcium (Ca) 1208. Copper (Cu) 1209. Iron (Fe) 1210. Magnesium (Mg) 1211. Manganese (Mn)	In-house method TE-CH-121 based on ISO 6869:2000

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No.	Type of Sample	Test	Method
45.	Feeding stuffs and raw materials	1212. Potassium (K) 1213. Sodium (Na) 1214. Zinc (Zn)	In-house method TE-CH-121 based on ISO 6869:2000
46.	• 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	1215. Antimony (Sb) 1216. Cadmium (Cd) 1217. Chromium (Cr) 1218. Cobalt (Co) 1219. Lead (Pb) 1220. Nickel (Ni) 1221. Vanadium (V)	In-house method TE-CH-134 based on AOAC (2023) 999.10 by ICP-MS Technique
		1222. Copper (Cu) 1223. Iron (Fe) 1224. Zinc (Zn)	In-house method TE-CH-134 based on AOAC (2023) 999.10 by ICP-OES Technique
		1225. Calcium (Ca) 1226. Magnesium (Mg) 1227. Manganese (Mn) 1228. Potassium (K) 1229. Sodium (Na)	In-house method TE-CH-134 based on AOAC (2023) 984.27 by ICP-OES Technique
		1230. Arsenic (As) 1231. 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
46.	• 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	1232. Mercury (Hg)	In-house method TE-CH-134 based on AOAC (2023) 974.14 by ICP-MS Technique
		1233. Tin (Sn)	In-house method TE-CH-135 based on AOAC (2023) 985.16
47.	• Plants [1] (fresh and dried) • Cannabis, Kratom (fresh and dried)	1234. Arsenic (As)	In-house method TE-CH-134 based on AOAC (2023) 986.15 by ICP-MS Technique
		1235. Cadmium (Cd) 1236. Lead (Pb)	In-house method TE-CH-134 based on AOAC (2023) 999.10 by ICP-MS Technique
		1237. 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
48.	• Potable water * • Non-Potable water * • Wastewater * • Mineral water • Ice	1238. Aluminum (Al) 1239. Calcium (Ca) 1240. Iron (Fe) 1241. Magnesium (Mg) 1242. Phosphorus (P) 1243. Potassium (K) 1244. Silicon (Si) 1245. Sodium (Na) 1246. Sulfur (S)	In-house method TE-CH-126 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 3030 E. by ICP-OES Technique
		1247. Aluminum (Al) 1248. Antimony (Sb) 1249. Arsenic (As) 1250. Barium (Ba) 1251. Beryllium (Be) 1252. Bismuth (Bi) 1253. Boron (B) 1254. Cadmium (Cd) 1255. Cesium (Cs) 1256. Chromium (Cr) 1257. Cobalt (Co) 1258. Copper (Cu) 1259. Gold (Au)	In-house method TE-CH-126 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 3030 E. by ICP-MS Technique

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No.	Type of Sample	Test	Method
48.	• Potable water * • Non-Potable water * • Wastewater * • Mineral water • Ice	1260. Iron (Fe) 1261. Lead (Pb) 1262. Lithium (Li) 1263. Magnesium (Mg) 1264. Manganese (Mn) 1265. Mercury (Hg) 1266. Molybdenum (Mo) 1267. Nickel (Ni) 1268. Selenium (Se) 1269. Silver (Ag) 1270. Strontium (Sr) 1271. Thallium (Tl) 1272. Tin (Sn) 1273. Titanium (Ti) 1274. Vanadium (V) 1275. Zinc (Zn)	In-house method TE-CH-126 based on Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 3030 E. by ICP-MS Technique

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No.	Type of Sample	Test	Method
49.	Chemical fertilizer	1276. Total phosphorus (as P_2O_5)	In-house method TE-CH-183 based on AOAC (2023) 958.01
		1277. Total nitrogen	In-house method TE-CH-211 based on AOAC (2023) 993.13
50.	• Potable water * • Non-Potable water * • Mineral water • Ice	1278. Chloride	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 4500-Cl^- B
		1279. Nitrate (NO_3^- N)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 4500-NO_3^- E
		1280. Nitrite (NO_2^- N)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 4500-NO_2^- B
		1281. Total hardness	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 2340 C

Accreditation Number 1051/47

Revised No. 01

Date of Accreditation : 22 May 2026

Date Revised 20 October 2026

Valid Until : 21 May 2030

Reviewed by Head of Laboratory Accreditation Section 2 ..... (Mr. Awiruth Khejonnit)

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No.	Type of Sample	Test	Method
51.	• Potable water * • Non-Potable water *	1282. Anionic Surfactants as Methylene Blue Active Subatances (MBAS) - 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, 24th Edition, 2023. Part 5540 C
		1283. Color	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 2120 C
		1284. Cyanide	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 4500-CN^- E

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No.	Type of Sample	Test	Method
51.	• Potable water * • Non-Potable water *	1285. Fluoride	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 4500-F^- D
		1286. Odour	TIS 257 (1978). Part 2, P.5
		1287. pH	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 4500-H^+ B
		1288. Phenol	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 5530 C
		1289. Sulfate	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 4500-SO_4^{2-} E
		1290. Total Solid	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 2540 B
		1291. Turbidity	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 2130 B

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No.	Type of Sample	Test	Method
52.	• Cannabis and herb contain cannabis • Cannabis extract and cannabis oils	**Cannabinoids** 1292. Cannabidiol (CBD) 1293. Cannabidiolic acid (CBDA) 1294. Cannabidiol (CBN) 1295. Delta 9-Tetrahydro cannabinol (Δ9-THC) 1296. Delta 8-Tetrahydro cannabinol (Δ8-THC) 1297. Tetrahydro-cannabinolic 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
53.	Food [(2)]	1298. Aerobic Plate Count (Total Plate Count) (CFU) 1299. Total Bacteria Count (CFU)	- AOAC (2023) 990.12
			- FDA BAM *Online*, 2026 (Chapter 3)
		1300. *Escherichia coli* (CFU) 1301. Coliforms (CFU)	AOAC (2023) 991.14
		1302. Fecal Coliforms (MPN) 1303. Coliforms (MPN) 1304. *Escherichia coli* (MPN)	FDA BAM *Online*, 2020 (Chapter 4)
		1305. *Staphylococcus aureus* (CFU)	- AOAC (2023) 2003.07
			- AOAC (2023) 2003.08
			- AOAC (2023) 2003.11
		1306. *Staphylococcus aureus* (MPN)	FDA BAM *Online*, 2016 (Chapter 12)

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No.	Type of Sample	Test	Method
53.	Food [(2)]	1307. *Bacillus cereus* (CFU)	ISO 7932:2004 and confirmed by FDA BAM *Online*, 2020 (Chapter 14)
		1308. *Clostridium perfringens* (CFU, Detected or not detected)	FDA BAM *Online*, 2001 (Chapter 16)
		1309. Fecal streptococci (CFU) 1310. Enterococci (CFU)	Compendium of Methods for the Microbiological Examination of Foods (APHA), 5th Edition, 2015, Chapter 10
		1311. Yeasts and Molds (CFU) 1312. Total Molds Count (CFU) 1313. Total Yeasts Count (CFU)	- AOAC (2023) 997.02 - Compendium of Methods for the Microbiological Examination of Foods (APHA), 5th Edition, 2015, Chapter 21
		1314. *Vibrio cholerae* (Detected or not detected)	FDA BAM *Online*, 2004 (Chapter 9)
		1315. *Vibrio parahaemolyticus* (MPN)	FDA BAM *Online*, 2004 (Chapter 9)

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No.	Type of Sample	Test	Method
53.	Food [(2)]	1316. *Listeria monocytogenes* (Detected or not detected)	ISO 11290-1:2017
		1317. *Listeria* spp. (Detected or not detected)	ISO 11290-1:2017
		1318. Enterobacteriaceae (CFU)	AOAC (2023) 2003.01
		1319. *Vibrio parahaemolyticus* (Detected or not detected)	In-house method TE-MI-170 based on FDA BAM *Online*, 2004 (Chapter 9)
		1320. Staphylococcal Enterotoxin (Detected or not detected)	ISO 19020:2017

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No.	Type of Sample	Test	Method
53.	Food [(2)]	1321. *Escherichia coli* O157 (Detected or not detected) 1322. *Escherichia coli* O157:H7 (Detected or not detected)	AOAC (2023) 2017.01
		1323. *Escherichia coli* O157 (Detected or not detected) 1324. *Escherichia coli* O157:H7 (Detected or not detected)	AOAC (2023) 2017.01 and confirmed by ISO 16654:2001/Amd.2:2023
		1325. *Salmonella* spp. (Detected or not detected)	- AOAC (2023) 2016.01
			- AFNOR Certificate No. 3M 01/16-11/16
		1326. *Salmonella* spp. (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

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No.	Type of Sample	Test	Method
53.	Food [2]	1327. *Listeria monocytogenes* (Detected or not detected)	- AOAC (2023) 2016.08
			- AFNOR Certificate No. 3M 01/15-09/16
		1328. *Listeria monocytogenes* (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
54.	• Food [2] • Feeding stuffs • Pet food and raw materials	1329. Yeasts and Molds (CFU) 1330. Total Molds Count (CFU) 1331. Total Yeasts Count (CFU)	AFNOR Certificate No. BKR 23/11-12/18
55.	• Food [2] • Feeding stuffs • Pet food and raw materials with water activity $0.6 \leq a_w \leq 0.95$	1332. Yeasts and Molds (CFU) 1333. Total Molds Count (CFU) 1334. Total Yeasts Count (CFU)	ISO 21527-2:2008

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No.	Type of Sample	Test	Method
56.	• Food [(2)] • Feeding stuffs • Pet food and raw materials • Environmental samples in the area of food and feed production and handling	1335. *Bacillus cereus* (MPN, Detected or not detected)	ISO 21871:2006 and confirmed by FDA BAM *Online*, 2020 (Chapter 14)
		1336. *Shigella* spp. (Detected or not detected)	ISO 21567:2004
		1337. Coliforms (MPN, Detected or not detected)	ISO 4831:2006
		1338. *Escherichia coli* (MPN, Detected or not detected)	ISO 7251:2005/Amd.1:2023 and confirmed by FDA BAM *Online*, 2020 (Chapter 4)
		1339. Coliforms (CFU)	ISO 4832:2006
		1340. *Staphylococcus aureus* (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
56.	• Food [(2)] • Feeding stuffs • Pet food and raw materials • Environmental samples in the area of food and feed production and handling	1341. *Salmonella* spp. (Detected or not detected)	ISO 6579-1:2017/Amd.1:2020
		1342. *Clostridium Perfringens* (CFU)	ISO 15213-2:2023
		1343. *Clostridium perfringens* (Detected or not detected)	ISO/TS 15213-3:2024
		1344. Enterobacteriaceae (CFU)	ISO 21528-2:2017
		1345. *E. coli* O157 (Detected or not detected) 1346. *E. coli* O157:H7 (Detected or not detected)	ISO 16654:2001/Amd.2:2023

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No.	Type of Sample	Test	Method
56.	• Food [(2)] • Feeding stuffs • Pet food and raw materials Environmental samples in the area of food and feed production and handling	1347. *Campylobacter* spp. (Detected or not detected 1348. *Campylobacter coli* (Detected or not detected 1349. *Campylobacter jejuni* (Detected or not detected	ISO 10272-1:2017/Amd.1:2023
		1350. Aerobic Plate Count (CFU) 1351. Total Bacteria Count (CFU)	ISO 4833-1:2013/Amd.1:2022
57.	Food [(6)]	1352. *Listeria monocytogenes* (CFU)	ISO 11290-2:2017
58.	Meat	1353. 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
59.	Meat and meat products	1354. *Campylobacter jejuni* (Detected or not detected) 1355. *Campylobacter coli* (Detected or not detected) 1356. *Campylobacter* spp. (Detected or not detected)	AOAC PTM Certificate No. 111803
		1357. *Campylobacter jejuni* (Detected or not detected) 1358. *Campylobacter coli* (Detected or not detected) 1359. *Campylobacter* spp. (Detected or not detected)	AOAC PTM Certificate No. 111803 and confirmed by ISO 10272-1: 2017/Amd.1:2023

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No.	Type of Sample	Test	Method
60.	Fresh vegetable	1360. *Salmonella* spp. (Detected or not detected)	In-house method TE-MI-167 based on AOAC (2023) 2016.01
		1361. *Salmonella* spp. (Detected or not detected)	In-house method TE-MI-167 in connection with: - AOAC (2023) 2016.01 - ISO 6579-1:2017/Amd.1:2020
61.	• Potable water * • Non-Potable water * • Mineral water • Ice	1362. Aerobic Plate Count (CFU)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 9215 B
		1363. Coliforms (MPN, Detected or not detected)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 9221 B
		1364. Fecal Coliforms (MPN, Detected or not detected)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 9221 B, E

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No.	Type of Sample	Test	Method
61.	• Potable water * • Non-Potable water * • Mineral water • Ice	1365. *Escherichia coli* (MPN, Detected or not detected)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 9221 B, F
		1366. *Salmonella* spp. (Detected or not detected)	ISO 19250:2010
		1367. *Staphylococcus aureus* (CFU, Detected or not detected)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 9213 B
		1368. Enterococci (CFU, Detected or not detected)	ISO 7899-2:2000
		1369. *Pseudomonas aeruginosa* (CFU, Detected or not detected)	ISO 16266:2006
		1370. *Clostridium perfringens* (CFU, Detected or not detected	ISO 14189:2013

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No.	Type of Sample	Test	Method
62.	• 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	1371. *Legionella* spp. (CFU, Detected or not detected) 1372. *Legionella pneumophila* (CFU, Detected or not detected)	ISO 11731:2017
63.	Wastewater *	1373. Coliforms (MPN, Detected or not detected)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 9221 B
		1374. Fecal Coliforms (MPN, Detected or not detected)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 9221 B, E

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No.	Type of Sample	Test	Method
63.	Wastewater *	1375. *Escherichia coli* (MPN, Detected or not detected)	Standard Methods for the Examination of Water and Wastewater. APHA, AWWA, WEF, 24th Edition, 2023. Part 9221 B, F
64.	Beverage *	1376. 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, 24th Edition, 2023. Part 9221 B
		1377. 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, 24th Edition, 2023. Part 9221 B, E
		1378. *Escherichia coli* (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, 24th Edition, 2023. Part 9221 B, F

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No.	Type of Sample	Test	Method
65.	Surface swab	1379. Total Plate Count (CFU)	Compendium of Methods for the Microbiological Examination of Foods (APHA), 5th Edition, 2015, Chapter 3
66.	Carcass rinse	1380. *Salmonella* spp. (Detected or not detected)	ISO 6579-1:2017/Amd.1:2020

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No.	Type of Sample	Test	Method
67.	Food [3] (except oil and oil products)	**GMOs (Screening test)** Internal control detection of 18S rRNA Detection of Screening GMO: 1381. Ca MV 35S-promoter 1382. 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
68.	Feeding stuffs and raw materials	1383. Bovine DNA 1384. 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
69.	Grains and seeds	1385. Light filth	AOAC (2023) 950.86
70.	Rice flours and rice flour products	1386. Light filth	AOAC (2023) 982.32
71.	Tamarind and tamarind products	1387. Light filth	AOAC (2023) 945.87
72.	Tea and tea products	1388. Light filth	AOAC (2023) 981.18
73.	Curry pastes and spices	1389. Light filth	Laboratory Information Bulletin (LIB) No.2865
74.	• Canned fish • Fish meal • Fish products	1390. Light filth	AOAC (2023) 972.38
75.	• Noodle • Wonton • Gyoza	1391. Light filth	AOAC (2023) 969.41
76.	Frozen Ice cream mochi	1392. Light filth	In-house method TE-PH-044 based on AOAC (2023) 969.41
77.	Ice cream (Non-dairy ice cream)	1393. Light filth	In-house method TE-PH-046 based on AOAC (2023) 945.87
78.	Food [4]	1394. Water activity	In-house method TE-PH-019 based on AOAC (2023) 978.18

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No.	Type of Sample	Test	Method
79.	Feeding stuffs	1395. Water activity	In-house method TE-PH-019 based on AOAC (2023) 978.18
80.	Rice flours	1396. Amylose	In-house method TE-PH-021 based on Quality and Testing of Thai Hom Mali Rice, Department of Agriculture: 2004, P.117-119
81.	Foods (liquid)	1397. Brix	In-house method TE-PH-020 based on Instruction Manual Hand Refractometer

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Remark:

Plants [1] (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
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 *	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
secbumeton *	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
tolylfluanid *	means	except brassica vegetables and high oil/fat fruit
azinphos-methyl *	means	except brassica vegetables groups

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.

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

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.

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

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.

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

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