

Name of Laboratory : Food Safety and Biosafety Assessment Laboratory,
Faculty of Medical Technology, Mahidol University

Address : 2 Wang Lang Road, Siriraj, Bangkok-Noi, Bangkok 10700 and
999 Phutthamonthon 4 Road, TambonSalaya, Amphoe Phutthamonthon,
Changwat Nakhon Pathom 73170

Accreditation Number : Testing - 0319

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Initial Issue Date : 16th May 2024

Issue Date : 16th May 2024

Expired date : 15th May 2028

Standard : ISO/IEC 17025:2017

Reference No. : 0303/7055

Scope of Testing Laboratory Accreditation

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Bangkok 10700

Accreditation Number : Testing - 0319

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	- Vegetables - Fruits - Cereals and products - Herbs and products - Rice and Flour products - Seasoning sauce	- Arsenic 0.006 mg/kg to 0.625 mg/kg - Mercury 0.006 mg/kg to 0.625 mg/kg - Cadmium 0.006 mg/kg to 0.625 mg/kg - Lead 0.006 mg/kg to 0.625 mg/kg - Copper 0.250 mg/kg to 5.000 mg/kg - Zinc 0.250 mg/kg to 5.000 mg/kg	In - housed method : WI-TX-025-10-01 based on AOAC Official Methods of Analysis, 22 nd ed., 2023, method 999.10
2	Disinfectant products	Testing disinfectant against - <i>Staphylococcus aureus</i> . (ATCC 6538)	AOAC Official Methods of Analysis, 22 nd ed., 2023, method 955.15

Initial Issue Date 16th May 2024

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	- Vegetables - Fruits - Cereals	Pesticide residues Organochlorines group : - 2,4'-DDD - 2,4'-DDE - 2,4'-DDT - 4,4'-DDD - 4,4'-DDE - 4,4'-DDT - aldrin - alpha-BHC - alpha-endosulfan - beta-BHC - beta-endosulfan - cis-Chlordane - delta-BH 0.010 mg/kg to 0.080 mg/kg	In - housed method : WI-PC-025-10-01 based on AOAC Official Methods of Analysis, 22 nd ed., 2023, method 2007.01

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1 (cont.)	- Vegetables - Fruits - Cereals	Pesticide residues Organochlorines group : - Dicofol - Dieldrin - Endosulfan sulfate - Endrin - Endrin-aldehyde - Endrin-ketone - gamma-BHC - Heptachlor - Heptachlor endo-epoxide - Heptachlor epoxide - Hexachlorobenzene - trans-Chlordane 0.010 mg/kg to 0.080 mg/kg	In - housed method : WI-PC-025-10-01 based on AOAC Official Methods of Analysis, 22 nd ed., 2023, method 2007.01

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1 (cont.)	- Vegetables - Fruits - Cereals	Pesticide residues Organophosphates group : - Azinphos-ethyl - Chlorpyrifos - Diazinon - Dichlorvos - Dicrotophos - Dimethoate - EPN - Ethion - Fenitrothion - Malathion - Methamidophos - Methidathion 0.010 mg/kg to 0.080 mg/kg	In - housed method : WI-PC-025-10-01 based on AOAC Official Methods of Analysis, 22 nd ed., 2023, method 2007.01

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1 (cont.)	- Vegetables - Fruits - Cereals	Pesticide residues Organophosphates group : - Mevinphos - Monocrotophos - Omethoate - Parathion-ethyl - Parathion-methyl - Phosalone - Pirimiphos-ethyl - Pirimiphos-methyl - Profenofos - Prothiofos - Triazophos 0.010 mg/kg to 0.080 mg/kg	In - housed method : WI-PC-025-10-01 based on AOAC Official Methods of Analysis, 22 nd ed., 2023, method 2007.01

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1 (cont.)	- Vegetables - Fruits - Cereals	Pesticide residues Carbamates group : - Bendiocarb - Carbaryl - Carbofuran - Carbofuran 3-OH - Carbofuran-3-keto - Fenobucarb - Isoprocarb - Methiocarb - Methiocarb-sulfone - Methiocarb-sulfoxide - Metolcarb - Pirimicarb - Promecarb - Propoxur 0.010 mg/kg to 0.080 mg/kg	In - housed method : WI-PC-025-10-01 based on AOAC Official Methods of Analysis, 22 nd ed., 2023, method 2007.01

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1 (cont.)	- Vegetables - Fruits - Cereals	Pesticide residues Pyrethroids group : - Bifenthrin - Cyfluthrin - Cypermethrin - Deltamethrin - Fenvalerate - lambda-Cyhalothrin - Permethrin 0.010 mg/kg to 0.080 mg/kg	In - housed method : WI-PC-025-10-01 based on AOAC Official Methods of Analysis, 22 nd ed., 2023, method 2007.01

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1 (cont.)	- Vegetables - Fruits - Cereals	Pesticide residues Others group : - Acetamiprid - Acetochlor - Atrazine - Iprodione 0.010 mg/kg to 0.080 mg/kg	In - housed method : WI-PC-025-10-01 based on AOAC Official Methods of Analysis, 22 nd ed., 2023, method 2007.01

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