

Name of Laboratory : Laboratory of Lam Soon (Thailand) Public Company Limited  
Address : 236 Moo 4, Soi 2B, Bangpoo Industrial Estate, Tambon Praksa,  
Amphoe Mueang, Changwat Samut Prakan 10280  
Accreditation Number : Testing - 0224  
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Initial Issue Date : 26<sup>th</sup> May 2020  
Issue Date : 22<sup>nd</sup> August 2023  
Expired date : 21<sup>st</sup> August 2027  
Standard : ISO/IEC 17025:2017  
Reference No. : 0303/13662

### Scope of Laboratory Accreditation

Laboratory Name : Development of Inspection for Crops and Production Resources Group Laboratory,  
Office of Agricultural Research and Development Region 7,  
Department of Agriculture

Address : 126 Moo 4, Tambon Tha-Uthae, Amphoe Kanchanadit, Changwat Surat Thani 84160

Accreditation Number : Testing - 0239

Laboratory Status :  Permanent  Site  Temporary  Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Chemical fertilizer	- Total nitrogen 0.5 g/100 to 46.3 g/100 g  - Ammonium nitrogen 0.1 g/100 g to 21.2 g/100 g  - Total phosphorus (Calculated as P <sub>2</sub> O <sub>5</sub> ) 1.0 g/100 g to 61.8 g/100 g	In – house method : TEST-7.2-CF-1 based on Notification of Ministry of Agriculture and Cooperatives Re: Prescribing the methods of analysis of chemical fertilizers, B.E. 2559, method 1.05.01  In – house method : TEST-7.2-CF-2 based on Notification of Ministry of Agriculture and Cooperatives Re: Prescribing the methods of analysis of chemical fertilizers, B.E. 2559, method 1.06.01  Notification of Ministry of Agriculture and Cooperatives Re: Prescribing the methods of analysis of chemical fertilizers, B.E. 2559, method 1.09.01

Initial Issue Date 24<sup>th</sup> September 2020

Issue Number 2

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Chemical fertilizer	- Water soluble potassium (Calculated as K <sub>2</sub> O)  1.0 g/100 to 60.5 g/100 g	Notification of Ministry of Agriculture and Cooperatives Re: Prescribing the methods of analysis of chemical fertilizers, B.E. 2559, method 1.12.01
2	Insecticide	- Cypermethrin  17.5 g/100 g to 52.5 g/100 g  - Pirimiphos-methyl  40 g/100 g to 60 g/100 g	In – house method : TEST-7.2-F-2 based on Collaborative International Pesticides Analytical Council, CIPAC, Vol 1C, 1985.  In – house method : TEST-7.2-F-3 based on Collaborative International Pesticides Analytical Council, CIPAC, Vol 1C, 1985.

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3	Vegetable with high water and chlorophyll content	Pesticide residues - Chlorpyrifos - Diazinon - Ethion - Pirimiphos – ethyl - Pirimiphos – methyl 0.01 mg/kg to 1.00 mg/kg	In – house method : TEST-7.2-PR-1 based on EN 15662 : 2008, QuEChERS-method
4	Leafy vegetable with high water and chlorophyll content	Pesticide residues - Acephate - Aldicarb - Azinphos – ethyl - Bromacil - Chlomequat - chloride - Chlorantraniliprole 0.005 mg/kg to 1.00 mg/kg	In – house method : TEST-7.2-PR-1 based on EN 15662 : 2008, QuEChERS-method

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4 (cont.)	Leafy vegetable with high water and chlorophyll content	Pesticide residues - Chlorpyrifos - methyl - Clothianidin - Dicrotophos - Dimethoate - Diuron - Imazalil - Isoprocarb - Methamidophos - Methidathion - Methomyl - Monocrotophos - Omethoate - Oxamyl - Permethrin 0.005 mg/kg to 1.00 mg/kg	In – house method : TEST-7.2-PR-1 based on EN 15662 : 2008, QuEChERS-method

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4 (cont.)	Leafy vegetable with high water and chlorophyll content	Pesticide residues - Phosphamidon - Propoxur - Prothiophos - Thiabendazole - Tricyclazole 0.005 mg/kg to 1.00 mg/kg	In – house method : TEST-7.2-PR-1 based on EN 15662 : 2008, QuEChERS-method
		Pesticide residues - Acetamiprid - Aldicarb-sulfone - Carbaryl - Deltamethrin - Dinotefuran - Ethiofencarb 0.01 mg/kg to 1.00 mg/kg	In – house method : TEST-7.2-PR-1 based on EN 15662 : 2008, QuEChERS-method

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4 (cont.)	Leafy vegetable with high water and chlorophyll content	Pesticide residues - Fenvalerate - Ipconazole - Mevinphos  0.01 mg/kg to 1.00 mg/kg	In – house method : TEST-7.2-PR-1 based on EN 15662 : 2008, QuEChERS-method

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