

Name of Laboratory : 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

Contact Person : Mrs.Orapin Nuthong  
Phone : 0-7725-9445-6 ,0-8189-3691-2  
Fax : 0-7725-9447-8  
E-mail : orapinnu@hotmail.com

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Standard : ISO/IEC 17025:2017

Reference No. : 0303/13661

### Scope of Laboratory Accreditation

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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

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Issue Number 2

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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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