

Name of Laboratory : LABORATORY OF THAI CENTRAL CHEMICAL PUBLIC COMPANY LIMITED  
(SAMUTPRAKARN BRANCH)

Address : 284, 284/1 Moo 1, Suksawad Road, Tambon Pakklong Bang Plakod,  
Amphoe Phra Samut Jedee, Changwat Samut Prakan 10290

Accreditation Number : Testing - 0067

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Reference No. : 0303/7612

## Scope of Laboratory Accreditation

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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 5.0 g/100 g to 19.0 g/100 g  - Total nitrogen 0.5 g/100 g to 46.5 g/100 g  - Total phosphorus (Calculated as P <sub>2</sub> O <sub>5</sub> ) 3.0 g/100 g to 61.7 g/100 g  - Water soluble potassium (Calculated as K <sub>2</sub> O) 0.6 g/100 g to 60.4 g/100 g	In - house method : T-7.2 (1) based on Official Methods of Analysis of Fertilizers, OMAF, 1987, part 4.1.1.1 (In absence of nitrate)  In - house method : T-7.2 (2) based on AOAC Official Methods of Analysis, 21 <sup>st</sup> ed., 2019, method 955.04  In - house method : T-7.2 (6) based on Official Methods of Analysis of Fertilizers, OMAF, 1987, part 4.2.3  In - house method : T-7.2 (10) based on Official Methods of Analysis of Fertilizers, OMAF, 1987, part 4.3.3

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1 (cont.)	Chemical fertilizer	- Boron 0.005 g/100 g to 20.3 g/100 g	In – house method : T-7.2 (26) based on Notification of Ministry of Agriculture and Cooperatives Re: Prescribing the methods of analysis of chemical fertilizers, B.E. 2559, method 1.21.01
		- Total sulfur 0.02 g/100 g to 33.1 g/100 g	In – house method : T-7.2 (20) based on Notification of Ministry of Agriculture and Cooperatives Re: Prescribing the methods of analysis of chemical fertilizers, B.E. 2559, method 1.15.01
		- Magnesium oxide (Calculated from total magnesium) 0.02 g/100 g to 81.0 g/100 g	In – house method : T-7.2 (18) based on Notification of Ministry of Agriculture and Cooperatives Re: Prescribing the methods of analysis of chemical fertilizers, B.E. 2559, method 1.14.01

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1 (cont.)	Chemical fertilizer	- Calcium oxide (Calculated from total calcium) 0.02 g/100 g to 51.8 g/100 g	In – house method : T-7.2 (16) based on Notification of Ministry of Agriculture and Cooperatives Re: Prescribing the methods of analysis of chemical fertilizers, B.E. 2559, method 1.13.01

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