

Name of Laboratory : Laboratory of Thai Central Chemical Public Co., Ltd.
(Nakhon Luang Plant Site)

Address : 50 Moo 5, Nakhon Luang-Pachee Road, Tambon Khlong Sa-Kae,
Amphoe Nakhon Luang, Changwat Phra Nakhon Si Ayutthaya 13260

Accreditation Number : Testing – 0099

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Scope of Testing Laboratory Accreditation

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Accreditation Number : Testing - 0099

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 46.0 g/100 g - Total phosphorus (Calculated as P ₂ O ₅) 3.0 g/100 g to 52.0 g/100 g - Water soluble potassium (Calculated as K ₂ O) 3.0 g/100 g to 60.3 g/100 g	In - house method : T-5.4 (1) based on Official Methods of Analysis of Fertilizers (OMAF), 1987, part 4.1.1.1 (In absence of nitrate) In - house method : T-5.4 (2) based on Official Methods of Analysis of Fertilizers (OMAF), 1987, part 4.2.3 In - house method : T-5.4 (3) based on Official Methods of Analysis of Fertilizers (OMAF), 1987, part 4.3.3

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Chemical fertilizer	- Magnesium oxide (Calculated from total magnesium) 0.19 g/100 g to 80.0 g/100 g - Calcium oxide (Calculated from total calcium) 0.15 g/100 g to 51.8 g/100 g - Total sulphur 0.10 g/100 g to 33.0 g/100 g	In - house method : T-5.4 (7) based on Notification of the Ministry of Agriculture and Cooperatives Re: Prescribing the methods of analysis of chemical fertilizers, B.E. 2559, method 1.14.01 In - house method : T-5.4 (8) based on Notification of the Ministry of Agriculture and Cooperatives Re: Prescribing the methods of analysis of chemical fertilizers, B.E. 2559, method 1.13.02 In - house method : T-5.4 (9) based on Notification of the Ministry of Agriculture and Cooperatives Re: Prescribing the methods of analysis of chemical fertilizers, B.E. 2559, method 1.15.02

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1 (cont.)	Chemical fertilizer	- Boron 0.020 g/100 g to 20.3 g/100 g	In - house method : T-5.4 (15) based on AOAC Official Methods of Analysis 21 st ed., 2019, method 982.01

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