

Name of Laboratory : Institute of Product Quality and Standardization, Maejo University
Address : 63 Moo 4, Tambon Nong han, Amphoe San Sai,
Changwat Chiang Mai 50290
Accreditation Number : Testing - 0070
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Initial Issue Date : 25th May 2011
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Standard : ISO/IEC 17025:2017
Reference No. : 0303/11108

Scope of Laboratory Accreditation

Laboratory Name : Institute of Product Quality and Standardization, Maejo University

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Accreditation Number : Testing - 0070

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test item / Range of Testing	Test Method / Technique Used
1	Water	- Coliforms MPN/100 mL - Total plate count CFU/mL - Cadmium 0.005 mg/L to 0.50 mg/L - Lead 0.01 mg/L to 0.50 mg/L - Chromium 0.01 mg/L to 0.50 mg/L - Copper 0.01 mg/L to 0.50 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 9221 B, C Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 9215 B In - house method : T-010 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 3120 B, 3030 E

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

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2	Microbial inoculum	- Total plate count CFU/mL	In - house method : T-306 based on AOAC Official Methods of Analysis, 22 nd ed., 2023, method 990.12
3	Bioextract	- Total plate count CFU/mL	In - house method : T-306 based on AOAC Official Methods of Analysis, 22 nd ed., 2023, method 990.12
4	Foods	- Total plate count CFU/g	AOAC Official Methods of Analysis 22 nd ed., 2023, method 966.23
5	Fish	- Cadmium 0.01 mg/kg to 1.00 mg/kg	In - house method : T-013 based on AOAC Official Methods of Analysis, 22 nd ed., 2023, method 999.10

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6	Vegetables with high water and chlorophyll content	Pesticide residues Organophosphate group : - Diazinon - Parathion-methyl - Fenitrothion - Malathion - Chlorpyrifos - Pirimiphos-ethyl - Profenofos - Ethion 0.05 mg/kg to 0.40 mg/kg	In - house method : T-005 based on AOAC Official Methods of Analysis, 22 nd ed., 2023, method 2007.01

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