

Name of Laboratory : NATS LAB (Asian Institute of Technology)
Address : Room No. 203-204 Pulp and Paper Building, Asian Institute of Technology
58 Moo 9, Paholyothin Road, Tambon Klong Nueng,
Amphoe Klong Luang, Changwat Pathum Thani 12120
Accreditation Number : Testing - 0233
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Standard : ISO/IEC 17025:2017
Reference No. : 0303/19417

Scope of Testing Laboratory Accreditation

Laboratory Name : NATS LAB (Asian Institute of Technology)

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Changwat Pathum Thani 12120

Accreditation Number : Testing - 0233

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Wastewater	- Total solids dried from 103 °C to 105 °C 50 mg/L to 20 000 mg/L - Total suspended solids dried from 103 °C to 105 °C 5 mg/L to 20 000 mg/L - Fixed and Volatile solids dried at 550 °C 50 mg/L to 20 000 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th ed., 2023, part 2540 B Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th ed., 2023, part 2540 D Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th ed., 2023, part 2540 E

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Issue Number 3

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.)	Wastewater	- COD 40 mg/L to 20 000 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th ed., 2023, part 5220 D
		- Total dissolved solids dried at 180 °C 25 mg/L to 20 000 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th ed., 2023, part 2540 C
		- Total Kjeldahl Nitrogen 5 mg/L to 1 500 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th ed., 2023, part 4500-N _{org} C

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Wastewater	- BOD 10 mg/L to 1 000 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th ed., 2023, part 5210 B, 4500-O G

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