

Name of Laboratory : Laboratory of Sewage Waste Analytical Company Limited
Address : 20/2 Lhampayom Soi, Sukhumvit Road, Tambon Noenphra,
Amphoe Mueang,Changwat Rayong 21150
Accreditation Number : Testing - 0197
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Initial Issue Date : 18th September 2019
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Standard : ISO/IEC 17025:2017
Reference No. : 0303/17552

Scope of Testing Laboratory Accreditation

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Accreditation Number : Testing - 0197

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Water	- pH 3.0 to 9.0 - Total suspended solids dried from 103 °C to 105 °C 5 mg/L to 2 500 mg/L - Total dissolved solids dried at 180 °C 54 mg/L to 2 500 mg/L	In - house method : T-LBM-7.2-02 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 th ed., 2023, part 4500-H ⁺ 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 C

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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
2	Wastewater	<p>- pH 3.0 to 9.0</p> <p>- Total suspended solids dried from 103 °C to 105 °C 7 mg/L to 5 000 mg/L</p> <p>- Total dissolved solids dried at 180 °C 108 mg/L to 10 000 mg/L</p>	<p>In - house method : T-LBM-7.2-02 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 4500-H⁺ B</p> <p>Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 D</p> <p>Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24th ed., 2023, part 2540 C</p>

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3	Industrial waste materials	Gross calorific value - solid 280 cal/g to 8 000 cal/g - liquid 80 cal/g to 9 000 cal/g	In – house method : T-LBM-26 based on CAL3K Bomb calorimeter operations version No.1.1

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