

Name of Laboratory : Laboratory of Environment and Pollution Control Office 12 (Ubon Ratchathani)
Address : Environment and Pollution Control Office 12 (Ubon Ratchathani), 430 Moo 11,
Klung Awut Road, Tambon Khamyai, Amphoe Mueang,
Changwat Ubon Ratchathani 34000
Accreditation Number : Testing – 0035
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Standard : ISO/IEC 17025:2017
Reference No. : 0303/19419

Scope of Testing Laboratory Accreditation

Laboratory Name : Laboratory of Environment and Pollution Control Office 12 (Ubon Ratchathani)

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Accreditation Number : Testing - 0035

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Surface water	<ul style="list-style-type: none"> - Total hardness (Calculated as CaCO₃) 10 mg/L to 300 mg/L - Total suspended solids dried at 103 °C to 105 °C 5 mg/L to 500 mg/L - Chromium 0.010 mg/L to 0.50 mg/L - Lead 0.10 mg/L to 0.50 mg/L - Manganese 0.50 mg/L to 3.00 mg/L - Iron 0.50 mg/L to 3.00 mg/L 	<p>Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2340 C</p> <p>Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 2540 D</p> <p>In – house method : EPO.12-T-02 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 3120 B, 3030 K</p>

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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	Tap water	- Total hardness (Calculated as CaCO ₃) 10 mg/L to 300 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2340 C
3	Wastewater	- Total suspended solids dried at 103 °C to 105 °C 5 mg/L to 500 mg/L - BOD 20 mg/L to 200 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 D Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 5210 B, 4500-O C

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