

Name of Laboratory : Laboratory of Environment and Pollution Control Office 8 (Ratchaburi)  
Address : Environment and Pollution Control Office 8, 126 Somboonkul Road,  
: Tambon Na Mueang, Amphoe Mueang, Changwat Ratchaburi 70000  
Accreditation Number : Testing – 0061  
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Standard : ISO/IEC 17025:2017  
Reference No. : 0303/19421

### Scope of Testing Laboratory Accreditation

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Laboratory Status :  Permanent  Site  Temporary  Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Surface water	- Manganese 0.1 mg/L to 2.0 mg/L - Zinc 0.5 mg/L to 4.0 mg/L - Iron 0.5 mg/L to 4.0 mg/L - Cadmium 5 µg/L to 200 µg/L - Chromium 20 µg/L to 400 µg/L - Copper 20 µg/L to 400 µg/L - Nickel 20 µg/L to 400 µg/L - Lead 20 µg/L to 400 µg/L	In - house method : TS-01  based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023, part 3120 B, 3030 E

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Surface water	- Total suspended solids dried from 103 °C to 105 °C 5 mg/L to 500 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023, part 2540 D
		- Total dissolved solids dried at 180 °C 100 mg/L to 1 000 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023, part 2540 C
2	Tap water	- Manganese 0.1 mg/L to 2.0 mg/L - Zinc 0.1 mg/L to 4.0 mg/L - Iron 0.1 mg/L to 4.0 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023, part 3120 B, 3030 K

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2 (cont.)	Tap water	- Total dissolved solids dried at 180 °C 100 mg/L to 1 000 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023, part 2540 C
3	Wastewater	- Total suspended solids dried from 103 °C to 105 °C 10 mg/L to 500 mg/L  - Total dissolved solids dried from 103 °C to 105 °C 100 mg/L to 5 000 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023, part 2540 D  In – house method : TS-03 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023, part 2540 C

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3 (cont.)	Wastewater	- COD 60 mg/L to 1 000 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 24 <sup>th</sup> ed., 2023, part 5220 C

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