

Name of Laboratory : Laboratory of Environment and Pollution Control Office 14 (Surat Thani)  
Address : Environment and Pollution Control Office 14 (Surat Thani), Moo 1,  
Watpho Road, Tambon Makhamtia, Amphoe Mueang,  
Changwat Surat Thani 84000  
Accreditation Number : Testing - 0071  
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Initial Issue Date : 8<sup>th</sup> September 2011  
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Expired date : 1<sup>st</sup> May 2026  
Standard : ISO/IEC 17025:2017  
Reference No. : 0303/14273

### Scope of Laboratory Accreditation

Laboratory Name : Laboratory of Environment and Pollution Control Office 14 (Surat Thani)  
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 Tambon Makhamtia, Amphoe Mueang, Changwat Surat Thani 84000  
 Accreditation Number : Testing - 0071  
 Laboratory Status :  Permanent  Site  Temporary  Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Surface water	- Total hardness (Calculated as CaCO <sub>3</sub> ) 10 mg/L to 1 000 mg/L  - Total suspended solids dried at 103 °C to 105 °C 10 mg/L to 500 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2340 C  Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2540 D
2	Wastewater	- Total suspended solids dried at 103 °C to 105 °C 10 mg/L to 500 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2540 D

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
2 (cont.)	Wastewater	- Total dissolved solids dried at 103 °C to 105 °C 150 mg/L to 3 000 mg/L	In - house method : TM - 03 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2540 C
3	Tap water	- Total hardness (Calculated as CaCO <sub>3</sub> ) 10 mg/L to 1 000 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2340 C

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
3 (cont.)	Tap water	- Total dissolved solids dried at 180 °C 150 mg/L to 1 500 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2540 C

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