

Name of Laboratory : Science and Technology Center, Uttaradit Rajabhat University
Address : 27 Injaimee Road, Tambon Tha-it, Amphoe Mueang
Changwat Uttaradit 53000
Accreditation Number : Testing – 0082
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Initial Issue Date : 22nd May 2012
Issue Date : 9th December 2022
Expired date : 8th December 2026
Standard : ISO/IEC 17025:2017
Reference No. : 0303/18766

Scope of Laboratory Accreditation

Laboratory Name : Science and Technology Center, Uttaradit Rajabhat University

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Accreditation Number : Testing - 0082

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Water	- pH 6.0 to 8.0	In – house method : WI-5.4 (1) based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 4500-H ⁺ B
2	Drinking water	- Iron 0.10 mg/L to 3.0 mg/L - Lead 0.35 mg/L to 8.0 mg/L - Manganese 0.15 mg/L to 0.60 mg/L - Zinc 0.10 mg/L to 0.80 mg/L	In – house method : WI-5.4 (8) based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 3030 E, 3111 B

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Issue Number 7

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

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3	Tap water	- Iron 0.15 mg/L to 3.0 mg/L - Lead 0.40 mg/L to 8.0 mg/L - Manganese 0.15 mg/L to 0.60 mg/L - Zinc 0.15 mg/L to 0.80 mg/L	In – house method : WI-5.4 (8) based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 3030 E, 3111 B
4	Surface water	- Iron 0.15 mg/L to 3.0 mg/L - Lead 0.45 mg/L to 8.0 mg/L - Manganese 0.15 mg/L to 0.60 mg/L - Zinc 0.15 mg/L to 0.80 mg/L	In – house method : WI-5.4 (8) based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 3030 E, 3111 B

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5	Ground water	- Iron 0.15 mg/L to 3.0 mg/L - Lead 0.55 mg/L to 8.0 mg/L - Manganese 0.20 mg/L to 0.60 mg/L - Zinc 0.15 mg/L to 0.80 mg/L	In – house method : WI-5.4 (8) based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 3030 E, 3111 B
6	Wastewater	- pH 4.0 to 9.0	In – house method : WI-5.4 (1) based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 4500-H ⁺ B

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
6 (cont.)	Wastewater	- Iron 0.30 mg/L to 3.0 mg/L - Lead 0.75 mg/L to 8.0 mg/L - Manganese 0.15 mg/L to 0.60 mg/L - Zinc 0.15 mg/L to 0.80 mg/L	In – house method : WI-5.4 (8) based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 3030 E, 3111 B

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