

Name of Laboratory : Laboratory of Relate Intertrade Co.,Ltd.
Address : 69/521, 523-5 Soi Nawamin 153, Nawamin Road,
Nuanchan, Bueng Kum, Bangkok 10230
Accreditation Number : Testing - 0108
Contact Person : Nasipas Akkarachatreasil
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Initial Issue Date : 13th March 2014
Issue Date : 28th September 2022
Expired date : 27th September 2026
Standard : ISO/IEC 17025:2017
Reference No. : 0303/14620

Scope of Laboratory Accreditation

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Accreditation Number : Testing - 0108

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 9.0 - Total hardness (Calculated as CaCO ₃) 1 mg/L to 1 000 mg/L	In - house method : TP-LAB-01 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 4500 - H ⁺ B Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2340 C
2	Wastewater	- pH 4.0 to 9.0	In - house method : TP-LAB-01 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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2 (cont.)	Wastewater	- COD 40 mg/L to 350 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 5220 C
		- Total suspended solids dried at 103 °C to 105 °C 25 mg/L to 5 000 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 D
		- Total dissolved solids dried at 180 °C 50 mg/L to 20 000 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 C

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