

Scope of Suspended Laboratory Accreditation

Laboratory Name : Liquid Purification Engineering International Co., Ltd.
 Address : 68/102 Moo 6, Tambon Saothonghin, Amphoe Bangyai,
 Changwat Nonthaburi 11140
 Accreditation Number : Testing - 0146
 Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Water	- pH 4.0 to 10.0 - Total hardness (Calculated as CaCO ₃) 4.0 mg/L to 1 000 mg/L - Chloride 5.0 mg/L to 1 000 mg/L	In - house method : WI-TM-702-01 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 Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 4500-Cl ⁻ B

Initial Issue Date 15th March 2017

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Water	- Iron 0.02 mg/L to 4.0 mg/L - Manganese 0.02 mg/L to 4.0 mg/L - Sulfate (Calculated as SO_4^{2-}) 5.00 mg/L to 500 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 3500-Fe B Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 3500-Mn B In – house method : WI-TM-702-06 based on ASTM D516-16

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2	Wastewater	- pH 4.0 to 10.0	In - house method : WI-TM-702-01 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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