

Name of Laboratory : Phanthamit Analytical Lab Co.,Ltd.
Accreditation Number : Testing - 0162
Address : 122 Unit 5, Dongpalan Thong Village,
Sisatanak District, Vientiane Capital, LAO PDR
Contact Person : Mr.Vongsack Mixay
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Initial Issue Date : 26th December 2017
Issue Date : 24th August 2020
Expired date : 23rd August 2023
Standard : ISO/IEC 17025:2017
Reference No. : 0303/13296

Scope of Testing Laboratory Accreditation

Laboratory Name : Phanthamit Analytical Lab Co.,Ltd.

Address : 122 Unit 5, Dongpalan Thong Village,
Sisatanak District, Vientiane Capital, LAO PDR

Accreditation Number : Testing - 0162

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Water	- COD 40 mg/L to 400 mg/L - Total suspended solids at 103 °C to 105 °C 2.5 mg/L to 2 000 mg/L - Total dissolved solids at 180 °C 25 mg/L to 10 000 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 5220 C Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 D Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 C

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Water	- Total Hardness 10 mg/L to 500 mg/L	In - house method : SOP-LAB-013 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2340 C
		- Chloride 3.0 mg/L to 100 mg/L	In - house method : SOP-LAB-013 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 4500-Cl ⁻ B
2	Wastewater	- COD 40 mg/L to 400 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 5220 C

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2 (cont.)	Wastewater	- Total suspended solids at 103 °C to 105 °C 2.5 mg/L to 2 000 mg/L - Total dissolved solids at 180 °C 25 mg/L to 10 000 mg/L - Total Hardness 10 mg/L to 500 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 D Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 C In - house method : SOP-LAB-013 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2340 C

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