

Name of Laboratory : Laboratory of Pimai Salt Co., Ltd
Address : 146 Moo 3, Pimai-Talad Kae Road, Tambon Krabeungyai,
Amphoe Pimai, Changwat Nakornratchasima 30110
Accreditation Number : Testing – 0018
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Initial Issue Date : 25th September 2007
Issue Date : 27th June 2022
Expired date : 26th June 2026
Standard : ISO/IEC 17025:2017
Reference No. : 0303/9755

Scope of Testing Laboratory Accreditation

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 Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Sodium chloride	- Calcium 4.0 mg/kg to 60.0 mg/kg - Magnesium 0.5 mg/kg to 3.0 mg/kg - Iron 0.3 mg/kg to 13.3 mg/kg - Moisture 0.01 g/100 g to 3.90 g/100 g - Ferrocyanide 1.0 mg/kg to 10.0 mg/kg	In - house method : W-QC-129 based on ASTM : E534-18 In - house method : W-QC-130 based on ASTM : E534-18 In - house method : W-QC-150 based on JTS Methods for Salt Analysis, 1982 ASTM : E534-18 In - house method : W-QC-128 based on EuSalt/AS 004-2015 (Direct Method)

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Sodium chloride	- Sulfate 150.0 mg/kg to 500.0 mg/kg - Lead 1.0 mg/kg to 26.2 mg/kg - Copper 0.26 mg/kg to 26.4 mg/kg - Cadmium 0.26 mg/kg to 27.0 mg/kg - Mercury 0.005 mg/kg to 0.19 mg/kg	In - house method : W-QC-519 based on JTS Methods for Salt Analysis, 1982 In - house method : W-QC-148 based on EuSalt/AS 015-2015 In - house method : W-QC-155 based on EuSalt/AS 015-2015

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1 (cont.)	Sodium chloride	- Arsenic 0.01 mg/kg to 0.19 mg/kg	In - house method : W-QC-154 based on EuSalt/AS 015-2015
		- Sodium chloride More than 95.43 g/100 g	In - house method : W-QC-514 based on JTS Methods for Salt Analysis, 1982
		- Sodium chloride (Calculated as dry basis) More than 95.44 g/100 g	
2	Pure Dried Vacuum salt	- Iodine 4.0 mg/kg to 100.0 mg/kg	In - house method : W-QC-513 based on EuSalt/AS 002-2005
		- Mercury 0.005 mg/kg to 0.19 mg/kg	In - house method : W-QC-155 based on EuSalt/AS 015-2015

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2 (cont.)	Pure Dried Vacuum salt	- Arsenic 0.01 mg/kg to 0.19 mg/kg - Lead 1.0 mg/kg to 26.2 mg/kg - Copper 0.26 mg/kg to 26.4 mg/kg - Cadmium 0.26 mg/kg to 27.0 mg/kg	In - house method : W-QC-154 based on EuSalt/AS 015-2015 In - house method : W-QC-148 based on EuSalt/AS 015-2015

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3	Surface water	- Total dissolved solids at 180 °C 300 mg/L to 20 000 mg/L - Total suspended solids at 103 °C to 105 °C 3 mg/L to 100 mg/L	In - house method : W-QC-612 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 C In - house method : W-QC-605 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 D
4	Effluent water	- COD 40 mg/L to 200 mg/L	In - house method : W-QC-610 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 5220 C

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4 (cont.)	Effluent water	- Total dissolved solids at 180 °C 300 mg/L to 3 000 mg/L - Total suspended solids at 103 °C to 105 °C 3 mg/L to 100 mg/L	In - house method : W-QC-612 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 C In - house method : W-QC-605 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 D

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