

Name of Laboratory : OISHI TRADING CO., LTD.  
Address : 60/1120 Moo 19 Navanakhon Industrail Estate, Tambon Klong Nueng,  
Amphoe Klong luang, Changwat Pathumthani 12120  
Accreditation Number : Testing - 0183  
Contact Person : Mr. Attapol Chareonpak  
Phone : 0-2765-8038  
Fax : 0-2765-8035  
E-mail : attapol@oishigroup.com  
Initial Issue Date : 28<sup>th</sup> March 2019  
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Expired date : 16<sup>th</sup> June 2026  
Standard : ISO/IEC 17025:2017  
Reference No. : 0303/9162

### Scope of Testing Laboratory Accreditation

Laboratory Name : OISHI TRADING CO., LTD.

Address : 60/1120 Moo 19 Navanakhon Industrail Estate, Tambon Klong Nueng,  
Amphoe Klong luang, Changwat Pathumthani 12120

Accreditation Number : Testing - 0183

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 <sub>3</sub> ) 4 mg/L to 300 mg/L	In - house method : ISOW-LAB-14.58 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 4500 - H <sup>+</sup> B  Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2340 C
2	Wastewater	- pH 4.0 to 10.0	In - house method : ISOW-LAB-14.67 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 4500 - H <sup>+</sup> B

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Issue Number 3

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Laboratory Name : OISHI TRADING CO., LTD.

Address : 60/1120 Moo 19 Navanakhon Industrail Estate, Tambon Klong Nueng,  
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Laboratory Status :  Permanent  Site  Temporary  Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
2 (cont.)	Wastewater	- COD 100 mg/L to 2 500 mg/L  - Total suspended solids at 103 °C to 105 °C 100 mg/L to 600 mg/L  - Total dissolved solids at 180 °C 600 mg/L to 1 200 mg/L	In - house method : ISOW-LAB-14.70 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 5220 C  In - house method : ISOW-LAB-14.68 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2540 D  Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 2540 C

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
3	Milk and milk products	- pH 6.0 to 8.0  - Total solids 4.60 g/100 g to 16.30 g/100 g  - Fat 1.20 g/100 g to 3.80 g/100 g	In - house method : ISOW-LAB-14.92 based on ISO 5546 : 2010  ISO 6731 : 2010  AOAC Official Methods of Analysis, 21 <sup>st</sup> ed., 2019, method 989.05
4	Milk products	- Vitamin C 5 mg/100 mL to 30 mg/100 mL	In - house Method : ISOW-LAB-14.131 based on AOAC Official Methods of Analysis, 21 <sup>st</sup> ed., 2019, method 985.33
5	Beverage	- Vitamin C 1.40 mg/100 mL to 320 mg/100 mL	In - house Method : ISOW-LAB-14.127 based on Compendium of Methods for Food Analysis; Vitamin C in Food High Performance Liquid Chromatographic Method, 2003

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
6	- Tap water - Bottled drinking water	- Total Coliforms MPN/100 mL  - <i>Escherichia coli</i> MPN/100 mL	Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 9221 B  Standard Method for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 <sup>rd</sup> ed., 2017, part 9221 B, E, G
7	Raw milk	- Aerobic Plate Count cfu/mL	ISO 4833-1: 2013
8	Ready-to-drink tea	- Total Coliforms MPN/100 mL	FDA Bacteriological Analytical Manual Online, Chapter 4, October 2020

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Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
8 (cont.)	Ready-to-drink tea	- Aerobic Plate Count cfu/mL  - <i>Staphylococcus aureus</i> cfu/mL  - Yeast and Mold count cfu/mL	FDA Bacteriological Analytical Manual Online, Chapter 3, January 2001  AOAC Official Methods of Analysis, 21 <sup>st</sup> ed., 2019, method 2003.07  AOAC Official Methods of Analysis, 21 <sup>st</sup> ed., 2019, method 997.02
9	Instant tea	- <i>Staphylococcus aureus</i> cfu/g	AOAC Official Methods of Analysis, 21 <sup>st</sup> ed., 2019, method 2003.07

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