

Name of Laboratory : Central Food Group Laboratory
Address : 67 Ngamwongwan Road, Ladyao,
Chatuchak, Bangkok 10900
Accreditation Number : Testing - 0291
Contact Person : Siriporn Poomstitpong
Phone : 02-561-2267, 081-422-0602
Fax : -
Email : PoSiriporn@tops.co.th
Initial Issue Date : 9th December 2022
Issue Date : 9th December 2022
Expired date : 8th December 2026
Standard : ISO/IEC 17025:2017
Reference No. : 0303/18769

Scope of Testing Laboratory Accreditation

Laboratory Name : Central Food Group Laboratory

Address : 67 Ngamwongwan Road, Ladyao,
Chatuchak, Bangkok 10900

Accreditation Number : Testing - 0291

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1	Drinking water and water in food processing	- Coliforms MPN/100 mL - <i>E. coli</i> Detected or not detected/100 mL - <i>Salmonella</i> spp. Detected or not detected/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 9221 B Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 9221 B, D, F, G AFNOR Validation, Certificate No. TRA 02/12-01/09

Initial Issue Date 9th December 2022

Issue Number 1

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

Scope of Testing Laboratory Accreditation

Laboratory Name : Central Food Group Laboratory

Address : 67 Ngamwongwan Road, Ladyao,
Chatuchak, Bangkok 10900

Accreditation Number : Testing - 0291

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Drinking water and water in food processing	<p>- <i>Staphylococcus aureus</i> Detected or not detected/100 mL</p> <p>- pH 6.5 to 8.5</p> <p>- Turbidity 0.5 NTU to 5.0 NTU</p>	<p>In – house method : T7.2-05 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 9213 B</p> <p>Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H⁺ B</p> <p>United States Environmental Protection Agency, 1993, EPA Method 180.1</p>

Initial Issue Date 9th December 2022

Issue Number 1

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

Scope of Testing Laboratory Accreditation

Laboratory Name : Central Food Group Laboratory

Address : 67 Ngamwongwan Road, Ladyao,
Chatuchak, Bangkok 10900

Accreditation Number : Testing - 0291

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Drinking water and water in food processing	- Total solids dried at 103 °C to 105 °C 20 mg/L to 1 000 mg/L - Total hardness (Calculated as CaCO ₃) 10 mg/L to 500 mg/L - Chloride 9.03 mg/L to 300 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 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 9th December 2022

Issue Number 1

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

Scope of Testing Laboratory Accreditation

Laboratory Name : Central Food Group Laboratory

Address : 67 Ngamwongwan Road, Ladyao,
Chatuchak, Bangkok 10900

Accreditation Number : Testing - 0291

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Drinking water and water in food processing	- Chloride (Calculated as Chlorine) 4.52 mg/L to 150 mg/L - Nitrate (Calculated as nitrogen) 0.2 mg/L to 4.0 mg/L - Fluoride 0.1 mg/L to 2.0 mg/L	In - house method : T7.2-24 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 4500-Cl ⁻ B Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 4500-NO ₃ ⁻ D In - house method : T7.2-21 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 4500-F ⁻ D

Initial Issue Date 9th December 2022

Issue Number 1

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

Scope of Testing Laboratory Accreditation

Laboratory Name : Central Food Group Laboratory

Address : 67 Ngamwongwan Road, Ladyao,
Chatuchak, Bangkok 10900

Accreditation Number : Testing - 0291

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
1 (cont.)	Drinking water and water in food processing	- Fluoride (Calculated as Fluorine) 0.05 mg/L to 1.0 mg/L - Iron 0.01 mg/L to 0.5 mg/L - Lead 0.01 mg/L to 0.5 mg/L	In - house method : T7.2-21 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 4500-F ⁻ D Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 3120 B

Initial Issue Date 9th December 2022

Issue Number 1

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

Scope of Testing Laboratory Accreditation

Laboratory Name : Central Food Group Laboratory

Address : 67 Ngamwongwan Road, Ladyao,
Chatuchak, Bangkok 10900

Accreditation Number : Testing - 0291

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
2	ice	- Coliforms MPN/100 mL - <i>E. coli</i> Detected or not detected/100 mL - <i>Salmonella</i> spp. Detected or not detected/100 mL	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 9221 B Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 9221 B, D, F, G AFNOR Validation, Certificate No. TRA 02/12-01/09

Initial Issue Date 9th December 2022

Issue Number 1

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

Scope of Testing Laboratory Accreditation

Laboratory Name : Central Food Group Laboratory

Address : 67 Ngamwongwan Road, Ladyao,
Chatuchak, Bangkok 10900

Accreditation Number : Testing - 0291

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
2 (cont.)	ice	<p>- <i>Staphylococcus aureus</i> Detected or not detected/100 mL</p> <p>- pH 6.5 to 8.5</p> <p>- Turbidity 0.5 NTU to 5.0 NTU</p>	<p>In – house method : T7.2-06 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 9213 B</p> <p>Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23rd ed., 2017, part 4500 - H⁺ B</p> <p>United States Environmental Protection Agency, 1993, EPA Method 180.1</p>

Initial Issue Date 9th December 2022

Issue Number 1

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

Scope of Testing Laboratory Accreditation

Laboratory Name : Central Food Group Laboratory

Address : 67 Ngamwongwan Road, Ladyao,
Chatuchak, Bangkok 10900

Accreditation Number : Testing - 0291

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
2 (cont.)	ice	- Total solids dried at 103 °C to 105 °C 25 mg/L to 1 000 mg/L - Total hardness (Calculated as CaCO ₃) 10 mg/L to 500 mg/L - Chloride 7.55 mg/L to 300 mg/L	Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 2540 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 9th December 2022

Issue Number 1

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

Scope of Testing Laboratory Accreditation

Laboratory Name : Central Food Group Laboratory

Address : 67 Ngamwongwan Road, Ladyao,
Chatuchak, Bangkok 10900

Accreditation Number : Testing - 0291

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
2 (cont.)	ice	- Chloride (Calculated as Chlorine) 3.78 mg/L to 150 mg/L - Nitrate (Calculated as nitrogen) 0.2 mg/L to 4.0 mg/L - Fluoride 0.1 mg/L to 2.0 mg/L	In - house method : T7.2-24 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 4500-Cl ⁻ B Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 4500-NO ₃ ⁻ D In - house method : T7.2-21 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 4500-F ⁻ D

Initial Issue Date 9th December 2022

Issue Number 1

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

Scope of Testing Laboratory Accreditation

Laboratory Name : Central Food Group Laboratory

Address : 67 Ngamwongwan Road, Ladyao,
Chatuchak, Bangkok 10900

Accreditation Number : Testing - 0291

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
2 (cont.)	ice	- Fluoride (Calculated as Fluorine) 0.05 mg/L to 1.0 mg/L - Iron 0.01 mg/L to 0.5 mg/L - Lead 0.01 mg/L to 0.5 mg/L	In - house method : T7.2-21 based on Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 4500-F ⁻ D Standard Methods for the Examination of Water and Wastewater, APHA, AWWA & WEF, 23 rd ed., 2017, part 3120 B
3	- bread - meat products - ready-to-eat food	- <i>Salmonella</i> spp. Detected or not detected/25 g - <i>Staphylococcus aureus</i> cfu/g	AFNOR Validation, Certificate No. TRA 02/12-01/09 Certificate of Compliance; NordVal No.042, Compact dry X-SA: June 2019

Initial Issue Date 9th December 2022

Issue Number 1

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation

Scope of Testing Laboratory Accreditation

Laboratory Name : Central Food Group Laboratory

Address : 67 Ngamwongwan Road, Ladyao,
Chatuchak, Bangkok 10900

Accreditation Number : Testing - 0291

Laboratory Status : Permanent Site Temporary Mobile

Item Number	Test Material / Product	Test Item / Range of Testing	Test Method / Technique Used
3 (cont.)	<ul style="list-style-type: none"> - bread - meat products - ready-to-eat food 	<ul style="list-style-type: none"> - <i>Bacillus cereus</i> cfu/g - <i>Clostridium perfringens</i> cfu/g - <i>Vibrio cholerae</i> Detected or not detected/25 g - <i>Vibrio parahaemolyticus</i> MPN/g 	<p>Certificate of Compliance; MicroVal No.2019LR87 : Compact dry BC: March 2020</p> <p>FDA Bacteriological Analytical Manual online, Chapter 16, January 2001</p> <p>FDA Bacteriological Analytical Manual online, Chapter 9, May 2004</p>

Initial Issue Date 9th December 2022

Issue Number 1

Bureau of Laboratory Accreditation, Department of Science Service, Ministry of Higher Education, Science, Research and Innovation