

ALCANCE DE ACREDITACIÓN**NORMA COGUANOR NTG ISO/IEC 17025:2005****“Servicio Industrial Microbiológico”****Laboratorio de Ensayo**

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Código de Acreditación: OGA-LE-45-11

Fecha de Acreditación: 2013-08-01

Fecha de Reevaluación: 2017-09-06

Fecha de Vigencia de la Acreditación: 2021-09-04

No.	Ensayo / Análisis	Método de Referencia	Item de Ensayo	Unidades	Rango
1	Coliformes totales	APHA-AWWA- WEF. Standard Methods for the Examination of Water and Wastewater. 23th ed., 2,017. 9221B. Standard Total Coliform Fermentation Technique.	Agua potable Agua No Potable	NMP/100 mL	<1.1 a >23 <1.8 a >1.6x10 ⁷
2	Coliformes fecales	APHA-AWWA- WEF. Standard Methods for the Examination of Water and Wastewater. 23th ed., 2,017. 9221E. Fecal Coliform Procedure.	Agua potable Agua No Potable	NMP/100 mL	<1.1 a >23 <1.8 a >1.6x10 ⁷
3	Escherichia coli	APHA-AWWA- WEF. Standard Methods for the Examination of Water and Wastewater. 23th ed., 2,017. 9221F. Escherichia coli Procedure Using Fluorogenic Substrate.	Agua potable Agua No Potable	NMP/100 mL	<1.1 a >23 <1.8 a >1.6x10 ⁷
4	Recuento Aeróbico Total	Mesophilic Aerobic Plate Count, Chapter 8. 8.72 Pour Plate Techniques. APHA -American Public Health-Association- Compendium of Methods for the Microbiological Examination of Food. 5th edition, 2015.	Alimentos Superficies Manos	UFC/ g o mL UFC/área UFC /mano	<10 a 2.0x10 ⁵
5	Coliformes totales	Most probable number (MPN) technique 9.71-9.72 coliforms. APHA-American Public Health Association- Compendium of Methods for the Microbiological Examination of Food. 5th edition. 2015.	Alimentos	NMP/g o mL	<3 a >1,100

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No.	Ensayo / Análisis	Método de Referencia	Item de Ensayo	Unidades	Rango
6	Coliformes fecales	Most probable number (MPN) technique 9.81-9.82 fecal coliform group. APHA-American Public Health Association- Compendium of Methods for the Microbiological Examination of Food. 5th edition. 2015.	Alimentos	NMP/g o mL	<3 a >1,100
7	Escherichia Coli	Most probable number (MPN) technique 9.91-9.92 Escherichia coli. APHA-American Public Health Association. Compendium of Methods for the Microbiological Examination of Food. 5th edition. 2015.	Alimentos	NMP/g o mL	<3 a >1,100
8	Coliformes totales	9.933 VRBA/MUG Method for E. coli and Coliforms. APHA-American Public Health Association- Compendium of Methods for the Microbiological Examination of Food. 5th edition, 2015	Alimentos superficies	UFC/ g o mL UFC/ área	<10 a 1.5x10 ⁵ <10 a 1.5x10 ⁵
9	Escherichia coli	9.933 VRBA/MUG Method for E. coli and Coliforms. APHA-American Public Health Association- Compendium of Methods for the Microbiological Examination of Food. 5th edition, 2015	Alimentos superficies	UFC/ g o mL UFC/ área	<10 a 2.0x10 ⁵ <10 a 2.0x10 ⁵
10	Salmonella spp	Salmonella. Chap. 5, (Update 07/2018). BAM-FDA - Bacteriological Analytical Manual - U.S. Food & Drug Administration.	Alimentos Ambientes	Presencia o Ausencia/25g	Presencia
11	Listeria monocytogenes (detección)	Qualitative Detection of Listeria monocytogenes from foods BAM-FDA - Bacteriological Analytical Manual - U.S. Food & Drug Administration. Chap. 10. March 2017	Alimentos Ambientes	Presencia o Ausencia/25g	Presencia
12	Staphylococcus aureus	39.63-64 Surface Plating Procedure on Bair-Parker. APHA-American Public Health Association. Compendium of Methods for the Microbiological Examination of. Food. 5 th edition, 2015.	Alimentos	UFC/g o mL	<10 a 2.0x10 ⁵
13	Recuento de Enterobacteriaceae	Detection of Enterobacteriaceae Chapter 9, 9.6 APHA-American Public Health Associations. Compendium of Methods for the Microbiological Examination of. Food. 5th edition, 2015.	Alimentos Superficies	UFC/g UFC/ cm ²	<10 a 2.0x10 ⁵ <10 a 2.0x10 ⁵

Actualizado: 2019-04-01

Ampliación 2019-03-06

No.	Ensayo / Análisis	Método de Referencia	Item de Ensayo	Unidades	Rango
14	Mohos y Levaduras	BAM-FDA - Bacteriological Analytical Manual - U.S. Food & Drug Administration. Enumeration of Yeasts and Molds. Dilution Plating Technique. Chap.18. April 2001	Alimentos de baja humedad (Aw ≤0.95)	UFC/g	<10 a 1.5x10 ⁵

Actualizado: 2019-04-01**-ULTIMA LÍNEA-****Más información:****Oficina Guatemalteca de Acreditación**

Sistema Nacional de Calidad

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