



ESIANLAB, S.C.

Análisis de: Alimentos, Agua, Bebidas, Cosméticos, Agroindustria, Etiquetado Nutricional, Asesoría y Cursos

RESULTS REPORT

Report issue date: July 12, 2024 Report ID: 10340	Custody chain: 16753 Work order: 1891/24
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Sample description			Sampling data
Sample's number: 7674 Date and time: 06/19/2024 15:16 Container: Can	Quantity: 3 pieces Temperature: 20,1 °C Origin: Parcel delivered		Date and time: Not applicable Responsible: Not applicable

Data provided by the client	
Client	Contact information
Empacadora del Golfo de México S.A. de C.V.	Av. Framboyanes No. 1393, Cd. Industrial Bruno Pagliai Veracruz, Veracruz.
Sample information	
Chipotle peppers in adobo sauce 7 oz, batch 4162, best before 10/06/2027.	Date and time: 06/10/2024 Responsible: Adriana Cruzado

INSTRUMENTAL ANALYSIS

AAA	PARAMETER	RESULTS	UNIT	ASSAY		REFERENCE METHOD
				DATE	TIME	
1	Tin	Less than 0,50	mg/kg	06/27/2024	12:41	NOM 117 SSA1 1994
C	Arsenic	0,020	mg/kg	06/24/2024	NA	Espect ICP-MS
C	Cadmium	0,014	mg/kg	06/24/2024	NA	Espect ICP-MS
C	Lead	0,020	mg/kg	06/24/2024	NA	Espect ICP-MS

Analyzed by: pamg

LCA PAULINA DE LOS ANGELES MACÍAS GUTIÉRREZ
INSTRUMENTAL ANALYST

BIOL. MARIA DEL CARMEN BADILLO MTZ.
AUTHORIZED SIGNATORY
GENERAL MANAGER

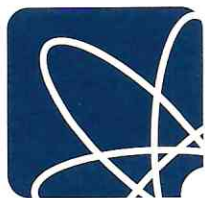
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The form AC-F90 Results Report Annex is an integral part of this results report.

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Av. Alemania No. 1220 Col. Moderna C. P. 44190 Guadalajara, Jalisco Tels.: 33 3616-9020, 33 3616-7205, 33 3616-9050 www.esianlab.com.mx

AC-F24.



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Work order: 1891/24

Symbology

AAA	Accreditations, Authorizations and Approbations	°C	Celsius degrees
CFU	Colony forming units	h	Hours
EV	Estimated value	ng	nanogram
MPN	Most probable number	µg	microgram
Less than	Not detected/No growth (Microbiology)	mg	milligram
	Minimum quantifiable amount (Physicochemical)	g	gram
	Practical Limit of Quantification (Instrumental)	kg	kilogram
N/A	No applicable	mL	milliliter
U	Expanded uncertainty (k=2)	L	liter
MF	Membrane Filtration	IU	International Units
P-A	Presence - Absence	±	more / less
The decimal sign is a comma on the line in accordance with the NOM 008 SCFI 2002.			

ADDITIONAL MICROBIOLOGY INFORMATION

Determination	Culture medium	Incubation	
		Temperature	Time
Aerobic plate count (CFU)	Standard count agar plates.	35 ± 2 °C	48 ± 2h (Food) 24 ± 2h (Water)
Aerobic Thermophilic Bacteria (CFU)	Standard count agar plates.	55 ± 2 °C	48 ± 2h
Molds and yeasts (CFU)	Acidified potato dextrose agar plates.	25 ± 1 °C	5 days
Total Coliform Organisms (CFU)	Violet red bile agar plates.	35°C	18 a 24h
<i>Staphylococcus aureus</i> (CFU)	Baird-Parker agar plates.	36 ± 1 °C	44 a 48h
<i>Pseudomonas aeruginosa</i> (P-A)	Asparagine broth.	35 ± 1 °C	48h
<i>Salmonella</i> spp (P-A)	XLD agar plates, Bismuth Sulfite, Brilliant Green.	36 ± 1 °C	48 to 72h
<i>Listeria monocytogenes</i> (P-A)	Oxford and Palcam agar plates.	30 and 36 ± 1 °C	24 to 48h
Total Coliforms and <i>E. coli</i> (CFU)	Violet red bile agar plates with MUG.	35°C 32°C (Dairy)	18 to 24h
Aerobic plate count (MF)	m-HPCA agar plates.	35 ± 0.5 °C	48 ± 2h
Total Coliforms and <i>E. coli</i> (MF)	Plates with MI broth.	35°C	24h
Enterobacteriaceae (CFU and P-A)	Violet red bile glucose agar plates.	37°C	24 ± 2h
Total Coliform Organisms (MPN)	Brilliant green bile lactose broth.	35 ± 0.5 °C	48 ± 2h
Fecal Coliform Organisms (MPN)	<i>Escherichia coli</i> broth.	44.5 ± 0.2 °C (Water) 45.5 ± 0.2 °C (Food)	24 to 48h
<i>Escherichia coli</i> (MPN)	EMB-L agar plates.	35 ± 1 °C	18 to 24h
<i>Bacillus cereus</i> (CFU)	MYP (Mannitol-Yolk-Polymyxin) agar plates.	30°C	18 to 24h
<i>Vibrio cholerae</i> (P-A)	TCBS agar plates.	35° a 37°C	18 to 24h
<i>Clostridium perfringens</i> (CFU)	TSC agar plates (Anaerobiosis).	35°C	20 to 24h
Sulfite reducing bacteria (CFU)	Iron Sulfite agar plates (Anaerobiosis).	37 ± 1 °C	24 to 48h
Sulfite reducing thermophilic bacteria (CFU)	Iron Sulfite agar plates (Anaerobiosis).	50 ± 1 °C	24 to 48h
Lactic-acid bacteria (CFU)	MRS agar plates (Man-Rogosa-Sharpe).	30°C	72 ± 2h
<i>E. coli</i> O157:H7 y STEC (P-A) Molecular Detection	BPW broth and 3M molecular detection system (MDS).	41.5 ± 1 °C	18 to 24h
<i>Salmonella</i> spp (P-A) Molecular Detection	BPW broth and 3M molecular detection system (MDS).	35 ± 2 °C 42 ± 1 °C	18 to 24h 15 to 24h
<i>Listeria monocytogenes</i> (P-A) Molecular Detection	Fraser Demi Broth and 3M Molecular Detection System (MDS).	37 ± 1 °C	24 to 32h
<i>Staphylococcus aureus</i> (CFU-Petrifilm)	3M Petrifilm Staph express count plates.	35 ± 1 °C	44 to 48h
<i>Escherichia coli</i> (CFU-Petrifilm)	3M Petrifilm <i>E. coli</i> and Coliform Count Plates.	35 ± 1 °C	18 to 24h

ACCREDITATIONS, AUTHORIZATIONS Y APPROBATIONS

No.	Accreditation Entity and/or Normalizing Authority
1	Accredited Test, Testing Laboratory Accredited by EMA A.C. in the Food branch with accreditation No. A-032-004/09 valid as of 2009/07/17
2	Approved Test, Testing Laboratory Approved by the Ministry of Economy, with Approval No. A-032-004/09. Valid for an indefinite period from 2019/03/19.
3	Authorized Test, Authorized Testing Laboratory in Confirmation by the General Directorate of Animal Health of SENASICA-SADER, with authorization AutoConst-038, valid as of 2022/10/26.
4	Authorized Test, Third-Party Testing Laboratory Authorized by the Federal Commission for the Protection against Sanitary Risks (COFEPRIS), with Authorization No. TA-24-21 Valid from June 4, 2021, to June 4, 2023.
5	Accredited Test, Testing Laboratory Accredited by EMA A.C. in the Agricultural Health branch with accreditation No. SA-1446-046/21 valid as of 2021/11/30.
6	Approved Test, Approved Testing Laboratory in Verification of Toxic Residues and Microbiological Contaminants by the General Directorate of Animal Health of SADER-SENASICA, with approval number Const-011, valid as of 02/01/2027.
7	Authorized essay. Testing laboratory authorized in verification for internal quality control by the general directorate of animal health SADER-SENASICA, with approval number Const-011, valid until 02/2027/01.
*	Assay not accredited, approved, or authorized. Realized under the accredited management system in the NMX-EC-17025-IMNC-2018 standard (ISO/IEC 17025:2017).
CONTRACTING AND/OR SUBCONTRACTING	
A	Contracted assay.
B	Assay contracted not accredited, approved, or authorized. The contracted laboratory works under a system based on NMX-EC-17025-IMNC-2018.
C	Subcontracted assay, Testing Laboratory Accredited by IAS TL 509.

This format is an integral part of the AC-F24 Results Report.

End of Results Report.