

ESIANLAB, S. C.

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

RESULTS REPORT

| | |
|--|---|
| Report issue date: October 3, 2023 Report ID: 16196 | Custody chain: 12772 Work order: 3086/23 |
|--|---|

| Client | Contact information |
|--|--|
| Empacadora del Golfo de México S.A. de C.V. | Av. Framboyanes No. 1393, Cd. Industrial Bruno Pagliai Veracruz, Veracruz. |

| Sample description | Sampling data |
|---|--|
| Sample's number: 11374 Date and time: 08/28/2023 17:47 Container: Can Quantity: 3 pieces of 2.8 kg Temperature: 27,3 °C Origin: Parcel delivered | Date and time: Not applicable Responsible: Not applicable |

Sample information (Provided by the client)

Crushed tomatillo 6 lbs 3 oz (TM) batch 3224, best before: 12/08/2026.

INSTRUMENTAL ANALYSIS

| AAA | PARAMETER | RESULTS | UNIT | ASSAY | | REFERENCE METHOD |
|-----|-----------|------------------------|-------|------------|-------|-------------------|
| | | | | DATE | TIME | |
| 1 | Lead | Less than 0,10 | mg/kg | 09/07/2023 | 10:17 | NOM 117 SSA1 1994 |
| 1 | Cadmium | Less than 0,025 | mg/kg | 09/08/2023 | 03:02 | NOM 117 SSA1 1994 |
| 1 | Arsenic | Less than 0,10 | mg/kg | 09/07/2023 | 18:13 | NOM 117 SSA1 1994 |
| 1 | Tin | 1,29 | mg/kg | 09/06/2023 | 13:13 | NOM 117 SSA1 1994 |

Analyzed by: **apg**

QFB. ALEJANDRO PÉREZ GONZÁLEZ
AUTHORIZED SIGNATORY
INSTRUMENTAL ANALYST

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End of results report.

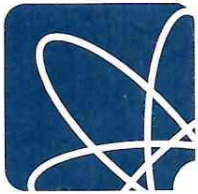
The form AC-F90 Results Report Annex is an integral part of this results report.

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

Note: Documento confidencial. El informe ampara sólo la muestra analizada y no podrá ser reproducido en forma parcial sin autorización previa por escrito de Laboratorio ESIANLAB, S. C. Esianlab S. C. no se hace responsable de los datos proporcionados por el cliente.

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AC-F24.



RESULTS REPORT ANNEX

Work order: 3086/23

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 | miligram |
| | 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 spp</i> (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 | 18 to 24h |
| Aerobic plate count (MF) | m-HPCA agar plates. | 32°C (Dairy) | 48 ± 2h |
| Total Coliforms and <i>E. coli</i> (MF) | Plates with M1 broth. | 35 ± 0.5 °C | 48 ± 2h |
| Enterobacteriaceae (CFU and P-A) | Violet red bile glucose agar plates. | 35°C | 24h |
| Total Coliform Organisms (MPN) | Brilliant green bile lactose broth. | 37°C | 24 ± 2h |
| Fecal Coliform Organisms (MPN) | <i>Escherichia coli</i> broth. | 35 ± 0.5 °C | 48 ± 2h |
| <i>Escherichia coli</i> (MPN) | EMB-L agar plates. | 44.5 ± 0.2 °C (Water) 45.5 ± 0.2 °C (Food) | 24 to 48h |
| <i>Bacillus cereus</i> (CFU) | MYP (Mannitol-Yolk-Polymyxin) agar plates. | 35 ± 1 °C | 18 to 24h |
| <i>Vibrio cholerae</i> (P-A) | TCSB agar plates. | 30°C | 18 to 24h |
| <i>Clostridium perfringens</i> (CFU) | TSC agar plates (Anaerobiosis). | 35° a 37°C | 18 to 24h |
| Sulfite reducing bacteria (CFU) | Iron Sulfite agar plates (Anaerobiosis). | 35°C | 20 to 24h |
| Sulfite reducing thermophilic bacteria (CFU) | Iron Sulfite agar plates (Anaerobiosis). | 37 ± 1 °C | 24 to 48h |
| Lactic-acid bacteria (CFU) | MRS agar plates (Man-Rogosa-Sharpe). | 50 ± 1 °C | 24 to 48h |
| <i>E. coli</i> O157:H7 y STEC (P-A) | BPW broth and 3M molecular detection system (MDS). | 30°C | 72 ± 2h |
| Molecular Detection | | 41.5 ± 1 °C | 18 to 24h |
| <i>Salmonella spp</i> (P-A) | BPW broth and 3M molecular detection system (MDS). | 35 ± 2 °C | 18 to 24h |
| Molecular Detection | | 42 ± 1 °C | 15 to 24h |
| <i>Listeria monocytogenes</i> (P-A) | Fraser Demi Broth and 3M Molecular Detection System (MDS). | 37 ± 1 °C | 24 to 32h |
| Molecular Detection | | | |
| <i>Staphylococcus aureus</i> (CFU-Petrifilm) | 3M Petrifilm Staph express count plates. | 37 ± 1 °C | 24 to 32h |
| <i>Escherichia coli</i> (CFU-Petrifilm) | 3M Petrifilm <i>E. coli</i> and Coliform Count Plates. | 35 ± 1 °C | 44 to 48h |
| | | 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 and updated on 2022/04/21 |
| 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. Extension request in process. |
| 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 Testing, Authorized Testing Laboratory in Verification for Internal Quality Control by the General Directorate of Animal Health of SADER-SENASICA, with authorization number C.C.159, valid as of 12/2027/12. |
| * | Assay not accredited, approved, or authorized. Realized under the accredited management system in the NMX-EC-17025-IMNC-2018 standard (ISO/IEC 17025:2017). |

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