Tedia DRIVING PURE BREAKTHROUGHS

1000 TEDIA WAY
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Distributed by:
Rocky Mountain Reagents
SCIENTIFIC SOLUTIONS SINCE 1951
4621 Technology Drive, Golden, CO 80403
ph: (303) 762-0800 fax: (303) 762-1240
Product #: M1064

# CERTIFICATE OF ANALYSIS

| | |
|---|---|
| Name: | Methyl Alcohol |
| Catalog No: | ML1919 |
| Lot No: | 26030030 |
| Grade: | LC Mass Spec |
| Manufactured Date: | March 06, 2026 |
| Retest Date | March 05, 2029 |
| Country of Origin: | Venezuela |

This is to certify that this lot was tested and found to comply with the specifications for the product. The following are the actual analytical results obtained.

| Test Name | Limits | | Actual |
|---|---|---|---|
| Assay (by GC-FID) | | | |
| (Corrected for Water) | Min 99.9 % | | 99.99 % |
| Refractive Index at | | | |
| 20°C | 1.3280 to 1.3288 | | 1.3285 |
| Water | | | |
| (by KF coulometry) | Max 0.05 % | | 0.01 % |
| Residue after Evaporation | Max 1 ppm | | 0.1 ppm |
| LC gradient elution suitability at | | | |
| 220 nm | Max 0.005 AU | | 0.002 AU |
| 254 nm | Max 0.001 AU | | 0.0003 AU |
| Fluorescence at emission maximum for Impurities | | | |
| (as Quinine base) | Max 0.30 ppb | < | 0.30 ppb |
| LC-MS Positive mode | | | |
| (as Reserpine) | Max 50 ppb | < | 50 ppb |
| LC-MS Negative mode | | | |
| (as Nitrophenol) | Max 50 ppb | < | 50 ppb |
| Titrable Acid | Max 0.0003 meq/g | | 0.0002 meq/g |
| Titrable Base | Max 0.0002 meq/g | | 0.00002 meq/g |
| Aluminum (Al) | Max 50 ppb | < | 1 ppb |
| Barium (Ba) | Max 5 ppb | < | 1 ppb |
| Cadmium (Cd) | Max 5 ppb | < | 1 ppb |
| Calcium (Ca) | Max 50 ppb | | 1 ppb |
| Chromium (Cr) | Max 5 ppb | < | 1 ppb |
| Cobalt (Co) | Max 5 ppb | < | 1 ppb |
| Copper (Cu) | Max 5 ppb | < | 1 ppb |
| Iron (Fe) | Max 5 ppb | < | 1 ppb |
| Lead (Pb) | Max 5 ppb | < | 1 ppb |
| Magnesium (Mg) | Max 10 ppb | < | 1 ppb |
| Manganese (Mn) | Max 5 ppb | < | 1 ppb |
| Nickel (Ni) | Max 5 ppb | < | 1 ppb |
| Potassium (K) | Max 10 ppb | < | 1 ppb |
| Silver (Ag) | Max 5 ppb | < | 1 ppb |
| Sodium (Na) | Max 50 ppb | | 3 ppb |
| Tin (Sn) | Max 5 ppb | < | 1 ppb |

Tedia Company, LLC. certifies that this product was derived from synthetic raw materials and the manufacturing process excluded contamination with any animal products.

This product is manufactured by Tedia Company, LLC certified to ISO 9001:2015 (Quality Management System) by PJR.

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| Test Name | Limits | Actual |
|---|---|---|
| Zinc (Zn) | Max 5 ppb | 1 ppb |

Comments:

Metal results are at time of packaging
and may increase from extraction from the container.
Filtered through a 0.2 micron filter

James Spalla
Chemist

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