

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-07-16 15:05:37
 Date of Next Testing: 2026-07-15 15:05:37
 Product Name: **2-Methoxyethyl ether**
 CAS Number: 111-96-6
 Specifications & Purity: $\geq 99.5\%$ (GC)
 Lot #: G2212151
 SKU #: **M104417**
Analysis: **109464**
 Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|---------------------------------------------|-----------------------|-----------------------|
| Purity(GC) | 99.5-100 (%) | 99.56 % |
| Aluminum(Al) | 0-0.5 (ppm) | 0.00 ppm |
| Barium(Ba) | 0-0.1 (ppm) | 0.00 ppm |
| Density (20°C) | 0.945-0.947 | 0.95 |
| Water by Karl Fischer | 0-0.1 (%) | 0.06 % |
| Lithium(Li) | 0-0.1 (ppm) | 0.00 ppm |
| Zinc(Zn) | 0-0.1 (ppm) | 0.00 ppm |
| Manganese(Mn) | 0-0.02 (ppm) | 0.00 ppm |
| Refractive index n _{20/D} | 1.406-1.409 | 1.41 |
| Calcium(Ca) | 0-0.5 (ppm) | 0.00 ppm |
| Peroxide(as H ₂ O ₂) | 0-0.005 (%) | 0.00 % |
| Cadmium(Cd) | 0-0.05 (ppm) | 0.00 ppm |
| Cobalt(Co) | 0-0.02 (ppm) | 0.00 ppm |
| Potassium(K) | 0-0.5 (ppm) | 0.00 ppm |
| Iron(Fe) | 0-0.1 (ppm) | 0.00 ppm |
| Molybdenum(Mo) | 0-0.1 (ppm) | 0.00 ppm |
| (Pb)Lead | 0-0.1 (ppm) | 0.00 ppm |
| Strontium(Sr) | 0-0.1 (ppm) | 0.00 ppm |
| Copper(Cu) | 0-0.02 (ppm) | 0.00 ppm |
| Magnesium(Mg) | 0-0.1 (ppm) | 0.00 ppm |
| Nickel(Ni) | 0-0.02 (ppm) | 0.00 ppm |
| Bismuth(Bi) | 0-0.1 (ppm) | 0.00 ppm |
| Sodium(Na) | 0-0.5 (ppm) | 0.00 ppm |
| Chromium(Cr) | 0-0.02 (ppm) | 0.00 ppm |
| Appearance (M104417) | Colorless Liquid | Colorless liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager