

Certificate of Analysis

Date of Testing: 2025-07-09 09:44:18

Date of Next Testing: 2029-07-08 09:44:18

Product Name: **2-Methoxyethyl ether**

CAS Number: 111-96-6

Specifications & Purity: $\geq 99.5\%$ (GC)

Lot #: F2523197

SKU #: **M104417**

Version: **2**

Analysis #: **138067**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.68 %
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 (%)	0.04 %
Lithium(Li)	0-0.1 (ppm)	0.02 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)	0.08 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
Chromium(Cr)	0-0.02 (ppm)	0.00 ppm
Sodium(Na)	0-0.5 (ppm)	0.50 ppm
Appearance (M104417)	Colorless Liquid	Colorless liquid



ALADDIN SCIENTIFIC CORPORATION

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Parameter	Limit Values	Result
Infrared spectrum	Conforms to Structure	Conforms to Structure

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

John Su
QA & QC Manager