

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2023-01-03 17:12:32
Date of Next Testing:	2027-01-02 17:12:32
Product Name:	2-Methoxyethyl ether
CAS Number:	111-96-6
Specifications & Purity:	≥99.5%(GC)
Lot #:	L2217169
SKU #	M104417
Analysis:	164632
Storage Temperature:	Argon charged

Parameter	Limit Values	Result
Purity(GC)	99.5-100 (%)	99.83 %
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 (%)	0.05 %
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
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
Potassium(K)	0-0.5 (ppm)	0.00 ppm
Sodium(Na)	0-0.5 (ppm)	0.00 ppm
Appearance (M104417)	Colorless Liquid	Colorless liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

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

John Su
QA & QC Manager