

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-15 10:27:20
 Date of Next Testing: 2026-11-15 10:27:20
 Product Name: **Triethylamine**
 CAS Number: 121-44-8
 Specifications & Purity: Ultra pure, ≥99.5%(GC)
 Lot #: K2513589
 SKU #: **T103290**
 Version: **0**
 Analysis #: **604735**
 Storage Temperature: Protected from light, Room temperature, Argon charged

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.399-1.401	1.40100
Barium(Ba)	0-0.1 (ppm)	0.05000 ppm
Cadmium(Cd)	0-0.05 (ppm)	0.02500 ppm
Copper(Cu)	0-0.02 (ppm)	0.01000 ppm
Strontium(Sr)	0-0.1 (ppm)	0.05000 ppm
Cobalt(Co)	0-0.02 (ppm)	0.01000 ppm
Potassium(K)	0-0.5 (ppm)	0.25000 ppm
Iron(Fe)	0-0.1 (ppm)	0.00500 ppm
Molybdenum(Mo)	0-0.02 (ppm)	0.01000 ppm
Manganese(Mn)	0-0.02 (%)	0.01000 %
Aluminum(Al)	0-0.2 (ppm)	0.01000 ppm
Nickel(Ni)	0-0.02 (ppm)	0.01000 ppm
Chromium(Cr)	0-0.02 (ppm)	0.01500 ppm
Sodium(Na)	0-0.5 (ppm)	0.02500 ppm
Bismuth(Bi)	0-0.1 (ppm)	0.05000 ppm
Purity(GC)	99.5-100 (%)	99.98000 %
Water by Karl Fischer	0-0.1 (%)	0.05000 %
Zinc(Zn)	0-0.1 (ppm)	0.05000 ppm
Lithium(Li)	0-0.1 (ppm)	0.05000 ppm
Calcium(Ca)	0-0.5 (ppm)	0.02000 ppm
Magnesium(Mg)	0-0.1 (ppm)	0.00600 ppm
(Pb)Lead	0-0.1 (ppm)	0.03000 ppm
Evaporation Residue	0-0.003 (%)	0.00100 %
Density (20°C)	0.726-0.73	0.72800
Appearance (T103290)	Colorless liquid	Colorless liquid



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Parameter	Limit Values	Result
Infrared spectrum	Conforms to Structure	Conforms to Structure
abs	cut-off	cut-off
Insoluble matter	pass	Pass

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

John Su
QA & QC Manager