

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-11-15 10:52:13

Date of Next Testing: 2026-11-15 10:52:13

Product Name: **Triethylamine**

CAS Number: 121-44-8

Specifications & Purity: Ultra pure, ≥99.5%(GC)

Lot #: K2513590

SKU #: **T103290**

Version: **0**

Analysis #: **604735**

Storage Temperature: Protected from light,Argon charged

| Parameter | Limit Values | Result |
|-------------------------------------|------------------|------------------|
| Refractive index n ₂₀ /D | 1.399-1.401 | 1.40 |
| Barium(Ba) | 0-0.1 (ppm) | 0.05 ppm |
| Cadmium(Cd) | 0-0.05 (ppm) | 0.03 ppm |
| Copper(Cu) | 0-0.02 (ppm) | 0.01 ppm |
| Strontium(Sr) | 0-0.1 (ppm) | 0.05 ppm |
| Cobalt(Co) | 0-0.02 (ppm) | 0.01 ppm |
| Potassium(K) | 0-0.5 (ppm) | 0.25 ppm |
| Iron(Fe) | 0-0.1 (ppm) | 0.01 ppm |
| Molybdenum(Mo) | 0-0.02 (ppm) | 0.01 ppm |
| Manganese(Mn) | 0-0.02 (%) | 0.01 % |
| Aluminum(Al) | 0-0.2 (ppm) | 0.01 ppm |
| Nickel(Ni) | 0-0.02 (ppm) | 0.01 ppm |
| Chromium(Cr) | 0-0.02 (ppm) | 0.01 ppm |
| Sodium(Na) | 0-0.5 (ppm) | 0.03 ppm |
| Bismuth(Bi) | 0-0.1 (ppm) | 0.05 ppm |
| Purity(GC) | 99.5-100 (%) | 99.98 % |
| Water by Karl Fischer | 0-0.1 (%) | 0.05 % |
| Zinc(Zn) | 0-0.1 (ppm) | 0.05 ppm |
| Lithium(Li) | 0-0.1 (ppm) | 0.05 ppm |
| Calcium(Ca) | 0-0.5 (ppm) | 0.02 ppm |
| Magnesium(Mg) | 0-0.1 (ppm) | 0.01 ppm |
| (Pb)Lead | 0-0.1 (ppm) | 0.03 ppm |
| Evaporation Residue | 0-0.003 (%) | 0.00 % |
| Density (20°C) | 0.726-0.73 | 0.73 |
| 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