

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-30 11:41:37
Date of Next Testing: 2027-05-29 11:41:37
Product Name: **Tris(2-aminoethyl)amine**
CAS Number: 4097-89-6
Specifications & Purity: 96%
Lot #: E2325806
SKU #: **T106669**
Analysis: **223534**
Storage Temperature: Argon charged

| Parameter | Limit Values | Result |
|-------------------------------------|--|--|
| Density (20°C) | 0.976-0.982 | 0.98 |
| Purity(GC) | 96-100 (%) | 96.98 % |
| Purity(Neutralization titration) | 95.5-104.5 (%) | 99.87 % |
| Refractive index n ₂₀ /D | 1.495-1.499 | 1.50 |
| Appearance (T106669) | Colorless to Yellow to Yellow-Green Liquid | Colorless to Yellow to Yellow-Green Liquid |
| Infrared spectrum | Conforms to Structure | Conforms to Structure |



John Su
QA & QC Manager