

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-12-28 08:34:17  
Date of Next Testing: 2027-12-27 08:34:17  
Product Name: **2,2'-Oxybis(ethylamine)**  
CAS Number: 2752-17-2  
Specifications & Purity: >98.0%(GC)  
Lot #: L2315526  
SKU #: **O160013**  
**Analysis:** **302689**  
Storage Temperature: Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.455-1.458	1.46
Purity(NonaqueousTitration)	97.5-102.5 (%)	99.68 %
Purity(GC)	98-100 (%)	99.88 %
Density (20°C)	0.972-0.98	0.97
Appearance (O160013)	Colorless liquid	Colorless liquid
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager