

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-02-20 17:50:57

Date of Next Testing: 2027-02-19 17:50:57

Product Name: **1,2-Bis(3-aminopropylamino)ethane**

CAS Number: 10563-26-5

Specifications & Purity: $\geq 97\%$

Lot #: B2309121

SKU #: **B102523**

Version: **0**

Analysis #: **192559**

Storage Temperature: Room temperature

Parameter	Limit Values	Result
Refractive index n ₂₀ /D	1.49-1.493	1.49190
Density (20°C)	0.952-0.955	0.95400
Purity(GC)	97-100 (%)	97.14000 %
Purity(Nonaqueous Titration)	96.5-103.5 (%)	96.50000 %
Appearance (B102523)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager