

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2022-12-07 12:22:37

Date of Next Testing: 2024-12-06 12:22:37

Product Name: **N-(3-Aminopropyl)cyclohexylamine**

CAS Number: 3312-60-5

Specifications & Purity: $\geq 98\%$

Lot #: K2230898

SKU #: **I137184**

Version: **0**

Analysis #: **149550**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(GC)	98-100 (%)	99.20000 %
Purity(Nonaqueous Titration)	95-100 (%)	99.60000 %
Density (20°C)	0.915-0.918	0.91600
Refractive index n ₂₀ /D	1.48-1.483	1.48100
Appearance (I137184)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager