

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-19 10:18:42
 Date of Next Testing: 2028-03-18 10:18:42
 Product Name: **1,3-Cyclohexanediamine (cis- and trans- mixture)**
 CAS Number: 3385-21-5
 Specifications & Purity: $\geq 95\%$ (GC)
 Lot #: I2208678
 SKU # **C153345**
 Version **0**
 Analysis #: **670224**
 Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	94.5-105.5 (%)	98.00000 %
Density (20°C)	0.95-0.956	0.95050
Refractive index n _{20/D}	1.49-1.493	1.49000
Purity(GC)(total of isomers)	95-100 (%)	98.40000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager