

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-07-08 15:19:38

Date of Next Testing: 2028-07-07 15:19:38

Product Name: **1,3-Cyclohexanediamine (cis- and trans- mixture)**

CAS Number: 3385-21-5

Specifications & Purity: $\geq 95\%$ (GC)

Lot #: D2108126

SKU # **C153345**

Version **0**

Analysis #: **734370**

Storage Temperature: Room temperature, Argon charged

Parameter	Limit Values	Result
Purity(Nonaqueous Titration)	94.5-105.5 (%)	98.97000 %
Density (20°C)	0.95-0.956	0.95000
Refractive index n ₂₀ /D	1.49-1.493	1.49060
Purity(GC)(total of isomers)	95-100 (%)	98.60000 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



John Su
QA & QC Manager