

Certificate of Analysis

Date of Testing: 2025-01-10 15:56:29

Date of Next Testing: 2027-01-10 15:56:29

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

CAS Number: 3385-21-5

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

Lot #: C2330361

SKU #: **C153345**

Version **0**

Analysis #: **461125**

Storage Temperature: Argon charged

Parameter	Limit Values	Result
Purity(NonaqueousTitration)	94.5-105.5 (%)	99.00 %
Density (20°C)	0.95-0.956	0.95
Refractive index n _{20/D}	1.49-1.493	1.49
Purity(GC)(total of isomers)	95-100 (%)	98.40 %
Proton NMR spectrum	Conforms to Structure	Conforms to Structure



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