

## Certificate of Analysis

Date of Testing: 2023-11-06 10:34:54  
Date of Next Testing: 2025-10-26 10:34:54  
Product Name: **trans-1,2-Cyclohexanediamine**  
CAS Number: 1121-22-8  
Specifications & Purity: 98%  
Lot #: D2010042  
SKU #: **C106462**  
**Analysis:** **292249**  
Storage Temperature: Store at 2-8°C, Argon charged

Parameter	Limit Values	Result
Refractive index n <sub>20</sub> /D	1.487-1.49	1.49
Density (20°C)	0.95-0.955	0.95
Purity(Nonaqueous Titration)	97.5-102.5 (%)	99.35 %
Purity(GC)	98-100 (%)	99.10 %
Appearance (C106462)	Colorless to light yellow liquid	Colorless to light yellow liquid
Infrared spectrum	Conforms to Structure	Conforms to Structure



John Su  
QA & QC Manager