

## Certificate of Analysis

Date of Testing: 2024-07-08 12:21:26  
Date of Next Testing: 2026-06-28 12:21:26  
Product Name: **trans-1,2-Cyclohexanediamine**  
CAS Number: 1121-22-8  
Specifications & Purity: 98%  
Lot #: G2405385  
SKU #: **C106462**  
Version: **0**  
Analysis #: **350312**  
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 (%)                   | 98.63%                           |
| Purity(GC)                          | 98-100 (%)                       | 98.63%                           |
| Infrared spectrum                   | Conforms to Structure            | Conforms to Structure            |
| Appearance (C106462)                | Colorless to light yellow liquid | Colorless to light yellow liquid |



John Su  
QA & QC Manager