

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-06-23 16:34:21

Date of Next Testing: 2024-06-12 16:34:21

Product Name: **trans-1,2-Cyclohexanediamine**

CAS Number: 1121-22-8

Specifications & Purity:  $\geq 98\%$

Lot #: F2218016

SKU #: **C106462**

Version: **0**

Analysis #: **093291**

Storage Temperature: Store at 2-8°C, Argon charged

| Parameter                           | Limit Values                     | Result                           |
|-------------------------------------|----------------------------------|----------------------------------|
| Refractive index n <sub>20</sub> /D | 1.487-1.49                       | 1.48900                          |
| Density (20°C)                      | 0.95-0.955                       | 0.95300                          |
| Purity(Nonaqueous Titration)        | 97.5-102.5 (%)                   | 99.70000 %                       |
| Purity(GC)                          | 98-100 (%)                       | 99.87000 %                       |
| 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