

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-10-15 14:04:24

Date of Next Testing: 2029-10-14 14:04:24

Product Name: **1,4-Cyclohexanedimethanol(CHDM)**

CAS Number: 105-08-8

Specifications & Purity:  $\geq 99\%$ , mixture of cis and trans

Lot #: A2205648

SKU #: **C105684**

Version: **1**

Analysis #: **587548**

Storage Temperature: Room temperature, Argon charged, Cool

| Parameter                          | Limit Values                                  | Result                                        |
|------------------------------------|-----------------------------------------------|-----------------------------------------------|
| Purity( (sum of isomers)(GC)       | 99-100 (%)                                    | 99.53500 %                                    |
| Refractive index n <sub>20/D</sub> | 1.487-1.49                                    | 1.48936                                       |
| Water by Karl Fischer              | 0-0.1 (%)                                     | 0.05680 %                                     |
| Crystallization point              | 18-23 (°C)                                    | 20.10000 °C                                   |
| Appearance (C105684)               | white to off-white or yellow liquid or powder | white to off-white or yellow liquid or powder |
| Solubility in MeOH                 | almost transparency                           | almost transparency                           |
| Proton NMR spectrum                | Conforms to structure                         | Conforms to Structure                         |



John Su  
QA & QC Manager