

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2023-05-10 10:20:02

Date of Next Testing: 2027-05-09 10:20:02

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

CAS Number: 105-08-8

Specifications & Purity: ≥99%, mixture of cis and trans

Lot #: G1919048

SKU #: **C105684**

Version: **1**

Analysis #: **220645**

Storage Temperature: Room temperature, Argon charged, Cool

Parameter	Limit Values	Result
Purity((sum of isomers)(GC)	99-100 (%)	99.31100 %
Refractive index n _{20/D}	1.487-1.49	1.48800
Water by Karl Fischer	0-0.1 (%)	0.05000 %
Crystallization point	18-23 (°C)	20.30000 °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