

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KML006012-01)

**Release Date:** 17/08/2024

**Re-test Date:** 16/08/2027

## **1,2-Cyclohexanedimethanol**

### **Identification**

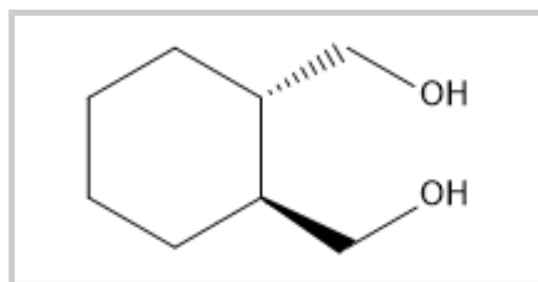
**Chemical Name :**  
(1S,2S)-cyclohexane-1,2-diylldimethanol

**CAT No.** : KML006012

**CAS No.** : 3205-34-3

**Molecular Formula** : C<sub>8</sub>H<sub>16</sub>O<sub>2</sub>

**Molecular Weight** : 144.21



### **Analytical Information**

**Batch No.** : LUR-SOH-073-340

**Description** : Light Orange Solid

**GC Purity** : 99.93 %

**Weight Loss By TGA** : 0.03 %

**% Potency** : 99.9 %

**Solubility** : \*Refer in Additional information

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

### **Additional Information**

**Long Term Storage** : Store at 2-8 deg. C for long term storage

**Shipping Condition** : Product is stable to be shipped at room temperature

**% Potency** = [100 - 0.03(Weight Loss By TGA)] x [99.93(GC Purity)]/100 = 99.9 %

\*Solubility: Insoluble in Water and Freely Soluble in 5mg/2 ml methanol

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		17/08/2024
Reviewed & Approved By	Quality Control	Jatin Patel		17/08/2024

**Attachments** : COA, GC, MASS, <sup>1</sup>HNMR, IR and TGA