

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KML006015-01)

**Release Date:** 16/04/2025

**Re-test Date:** 15/04/2028

## **TRANS (R,R) DIOL**

### **Identification**

**Chemical Name :**

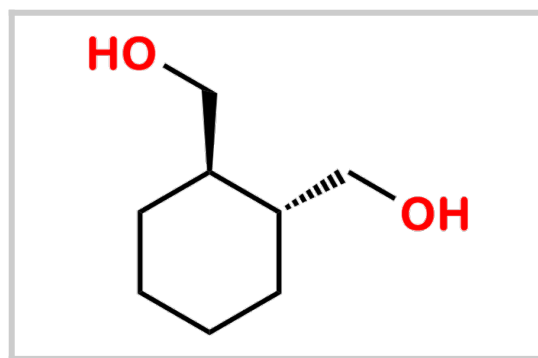
((1R,2R)-cyclohexane-1,2-diyl)dimethanol

**CAT No.** : KML006015

**CAS No.** : 65376-05-8

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

**Molecular Weight** : 144.1



### **Analytical Information**

**Batch No.** : L006015-091-322

**Description** : White Solid

**GC Purity** : 99.80 %

**Weight Loss By TGA** : 0.34 %

**% Potency** : 99.46 %

**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 - 0.34(Weight Loss By TGA)] x [99.80(GC Purity)]/100 = 99.46 %

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

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		28/07/2025
Reviewed & Approved By	Quality Control	Jatin Patel		28/07/2025

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