CERTIFICATE OF ANALYSIS

(Certificate No. KML006015-01)

Release Date: 16/04/2025 **Re-test Date:** 15/04/2028

TRANS (R,R) DIOL

Identification

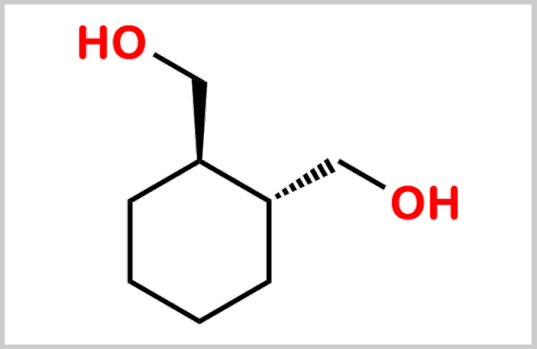
Chemical Name :
((1R,2R)-cyclohexane-1,2-diyl)dimethanol

CAT No. : KML006015

CAS No. : 65376-05-8

Molecular Formula : C8H16O2

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

1H 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, 1HNMR, IR and TGA