

CERTIFICATE OF ANALYSIS

(Certificate No. KMM001004-02)

Release Date: 13/02/2026

Re-test Date: 12/02/2029

L-MENTHYL GLYOXYLATE HYDRATE STANDARD

Identification

Chemical Name :

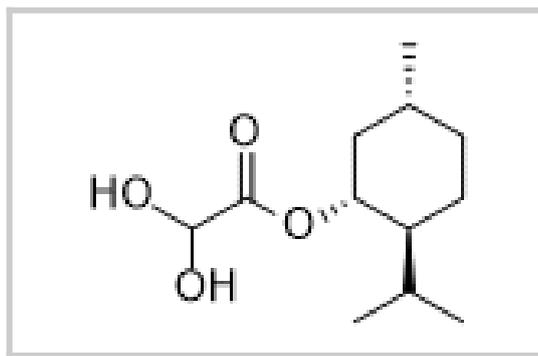
(1R,2S,5R)-2-isopropyl-5-methylcyclohexyl 2,2-dihydroxyacetate

CAT No. : KMM001004

CAS No. : 111969-64-3

Molecular Formula : C₁₂H₂₂O₄

Molecular Weight : 230.30



Analytical Information

Batch No. : M001004-114-165

Description : Off White Solid

GC Purity : 97.27 %

Weight Loss By TGA : 5.54 %

% Potency : 91.88 %

Solubility : Methanol

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 = $[100 - 5.54(\text{Weight Loss By TGA})] \times [97.27(\text{GC Purity})]/100 = 91.88 \%$

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		14/02/2026
Reviewed & Approved By	Quality Control	Jatin Patel		14/02/2026

Attachments : COA, GC, MASS, ¹H NMR, IR and TGA