CERTIFICATE OF ANALYSIS

(Certificate No. KMM001004-02)

Release Date: 13/02/2026 **Re-test Date:** 12/02/2029

L-MENTHYL GLYOXYLATE HYDRATE STANDARD

Identification

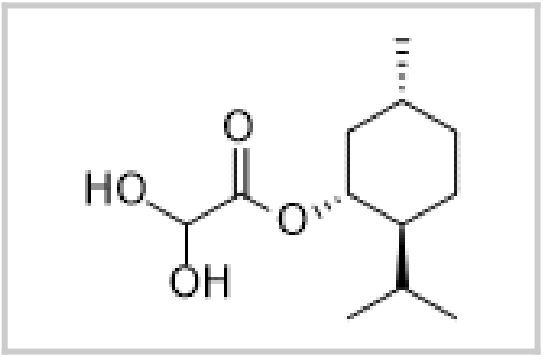
Chemical Name :
(1R,2S,5R)-2-isopropyl-5-methylcyclohexyl 2,2-dihydroxyacetate

CAT No. : KMM001004

CAS No. : 111969-64-3

Molecular Formula : C12H22O4

Molecular Weight : 230.30



Analytical Information

Batch No.	: M001004-114-165	**Solubility**	: Methanol
Description	: Off White Solid	**Mass**	: Confirm
GC Purity	: 97.27 %	**IR**	: Confirm
Weight Loss By TGA	: 5.54 %	**1H NMR**	: Confirm
% Potency	: 91.88 %		

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(Weight Loss By TGA)] x [97.27(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, 1HNMR, IR and TGA