

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001004-01)

Release Date: 12/04/2024

Re-test Date: 11/04/2027

## L-MENTHYL 2,2-DIHYDROXYACETATE

### Identification

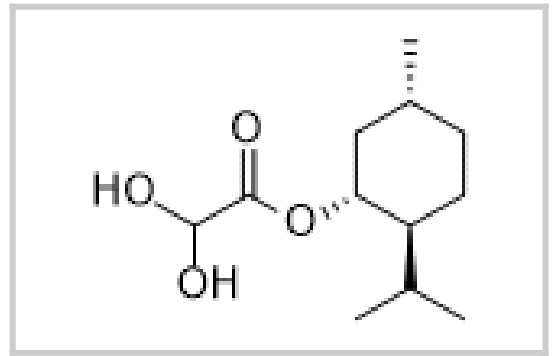
**Chemical Name :**  
(1R,2S,5R)-2-isopropyl-5-methylcyclohexyl 2,2-dihydroxyacetate

**CAT No.** : KMM001004

**CAS No.** : 111969-64-3

**Molecular Formula** : C<sub>12</sub>H<sub>22</sub>O<sub>4</sub>

**Molecular Weight** : 230.30



### Analytical Information

**Batch No.** : L-MEN-073-152

**Description** : Off White Solid

**GC Purity** : 97.85 %

**Weight Loss By TGA** : 6.29 %

**% Potency** : 91.7 %

**Solubility** : MDC

**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 - 6.29(Weight Loss By TGA)] x [97.85(GC Purity)]/100 = 91.7 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		13/04/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		13/04/2024

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