

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001027-02)

**Release Date:** 03/05/2025

**Re-test Date:** 02/05/2028

## **BENZILIC ACID (KSM-I)**

### **Identification**

**Chemical Name :**  
2-hydroxy-2,2-diphenylacetic acid

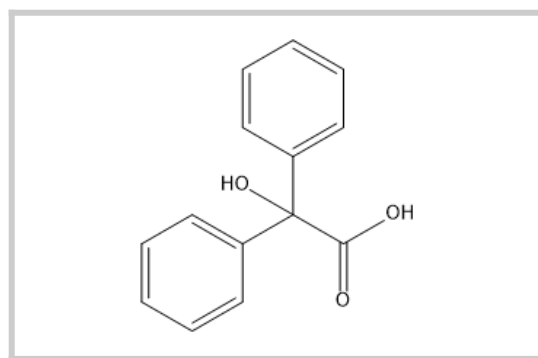
**Alt. Name** : Trospium Chloride Related  
Compound A

**CAT No.** : KMM001027

**CAS No.** : 76-93-7

**Molecular Formula** : C<sub>14</sub>H<sub>12</sub>O<sub>3</sub>

**Molecular Weight** : 228.24



### **Analytical Information**

**Batch No.** : OXA-BEN-ACID-030-073

**Description** : White Solid

**HPLC Purity** : 99.67 %

**Weight Loss By TGA** : 0.90 %

**% Potency** : 98.77 %

**Solubility** : Methanol

**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 - 0.90(Weight Loss By TGA)] x [99.67(HPLC Purity)]/100 = 98.77 %  
-Re-tested on 03.05.2025

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		29/05/2025
Reviewed & Approved By	Quality Control	Jatin Patel		29/05/2025

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