

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001027-01)

Release Date: 22/07/2024

Re-test Date: 21/07/2027

## Benzilic Acid

### Identification

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

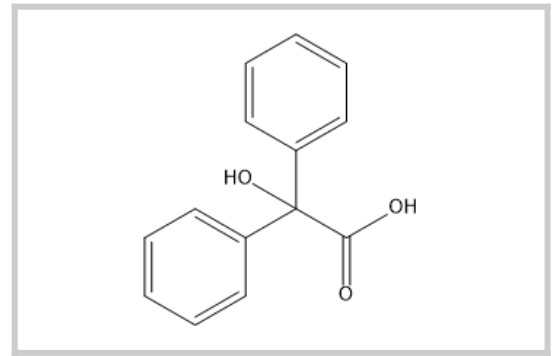
**Alt. Name** : Trospium Chloride Related  
Compound A

**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.** : BEN-ACID-073-302

**Description** : White Solid

**HPLC Purity** : 99.91 %

**Weight Loss By TGA** : 0.08 %

**% Potency** : 99.83 %

**Solubility** : ACN

**Mass** : Confirm

**IR** : Confirm

**<sup>1</sup>H NMR** : Confirm

**<sup>13</sup>C 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 - 0.08(Weight Loss By TGA)] x [99.91(HPLC Purity)]/100 = 99.83 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		24/07/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		24/07/2024

**Attachments** : COA, HPLC, MASS, <sup>1</sup>H NMR, <sup>13</sup>C NMR, IR and TGA