

# CERTIFICATE OF ANALYSIS

(Certificate No. KMS003038-01)

Release Date: 08/11/2024

Re-test Date: 07/11/2027

## SRTRC-4 Impurity (Mandalic Acid)

### Identification

**Chemical Name :**  
(2R)-(-)-Hydroxybenzeneacetic Acid

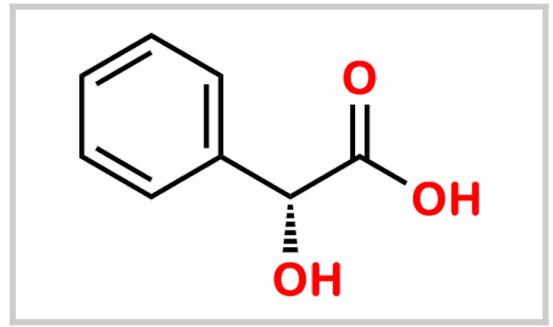
**Alt. Name** : (R)-(-)-Mandelic Acid ; D-Mandelic Acid

**CAT No.** : KMS003038

**CAS No.** : 611-71-2

**Molecular Formula** : C<sub>8</sub>H<sub>8</sub>O<sub>3</sub>

**Molecular Weight** : 152.2



### Analytical Information

**Batch No.** : S003038-091-018

**Description** : White Solid

**HPLC Purity** : 95.25 %

**Weight Loss By TGA** : 0.85 %

**% Potency** : 94.44 %

**Solubility** : Acetonitrile

**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 - 0.85(Weight Loss By TGA)] x [95.25(HPLC Purity)]/100 = 94.44 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		11/11/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		11/11/2024

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