

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

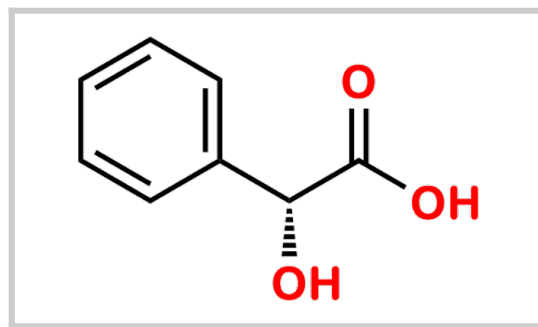
Alt. Name : (R)-(-)-Mandelic Acid ; D-Mandelic Acid

CAT No. : KMS003038

CAS No. : 611-71-2

Molecular Formula : C₈H₈O₃

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

¹H 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
Prepared By	Analytical	Jignesh Patel		11/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		11/11/2024

Attachments : COA, HPLC, MASS, ¹HNMR, IR and TGA