CERTIFICATE OF ANALYSIS

(Certificate No. KMS003038-01)

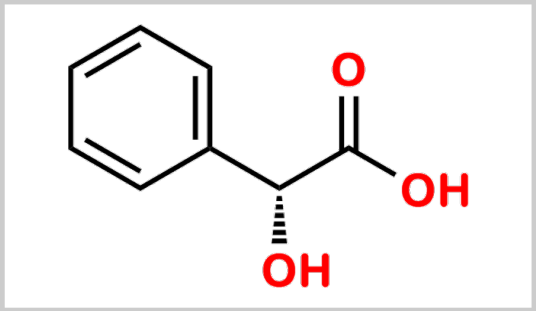
Release Date: 08/11/2024 **Re-test Date:** 07/11/2027

Sertraline EP Impurity E

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	**Solubility**	: Acetonitrile
Description	: White Solid	**Mass**	: Confirm
HPLC Purity	: 95.25 %	**IR**	: Confirm
Weight Loss By TGA	: 0.85 %	**1H NMR**	: Confirm
% Potency	: 94.44 %		

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		30/11/2025
Reviewed & Approved By	Quality Control	Jatin Patel		30/11/2025

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