## **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

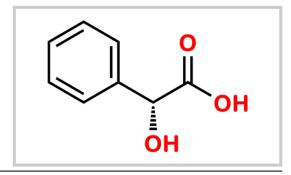
Acid

CAT No. : KMS003038

CAS No. : 611-71-2

**Molecular Formula** : C8H8O3

**Molecular Weight** : 152.2



### **Analytical Information**

: S003038-091-018 Batch No. **Solubility** : Acetonitrile Description : White Solid Mass : Confirm

**HPLC Purity** : 95.25 % IR : Confirm : Confirm

Weight Loss By TGA : 0.85 % 1H NMR

% Potency : 94.44 %

#### **Additional Information**

**Long Term Storage** : Store at 2-8 deg. C for long term storage

: Product is stable to be Shipped at Room Temperature **Shipping Condition** 

**% 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