

# **CERTIFICATE OF ANALYSIS**

(Certificate No. KMM001399-01)

**Release Date:** 25/10/2024

**Re-test Date:** 24/10/2027

## **Potassium Hydrogen Phthalate**

### **Identification**

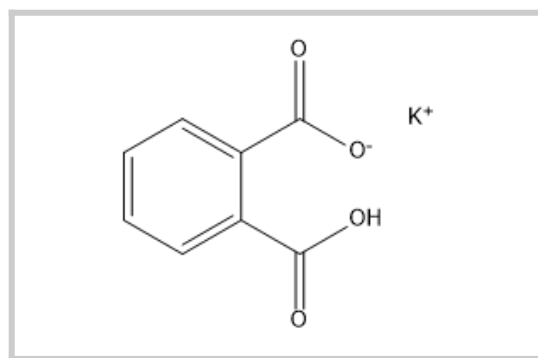
**Chemical Name :**  
potassium 2-carboxybenzoate

**CAT No.** : KMM001399

**CAS No.** : 877-24-7

**Molecular Formula** : C<sub>8</sub>H<sub>5</sub>KO<sub>4</sub>

**Molecular Weight** : 204.22



### **Analytical Information**

**Batch No.** : M001399-091-006

**Description** : White Solid

**HPLC Purity** : 99.96 %

**Weight Loss By TGA** : 0.33 %

**% Potency** : 99.63 %

**Solubility** : ACN : Water (1:1)

**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 - 0.33(Weight Loss By TGA)] x [99.96(HPLC Purity)]/100 = 99.63 %

**Recommendation** : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		13/11/2024
Reviewed & Approved By	Quality Control	Jatin Patel		13/11/2024

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