

# CERTIFICATE OF ANALYSIS

(Certificate No. KMM001399-01)

Release Date: 25/10/2024

Re-test Date: 24/10/2027

## Potassium Hydrogen Phthalate

### Identification

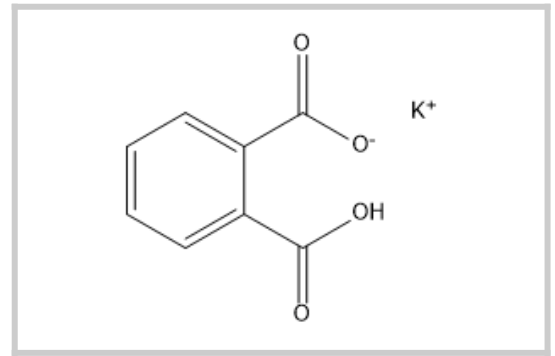
**Chemical Name :**  
potassium 2-carboxybenzoate

**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
<b>Prepared By</b>	Analytical	Jignesh Patel		13/11/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		13/11/2024

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