

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP027001-01)

Release Date: 28/06/2024

Re-test Date: 27/06/2027

## Pamoic Acid Standard

### Identification

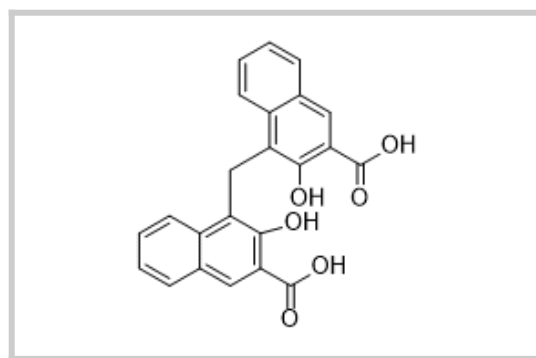
**Chemical Name :**  
4,4'-methylenebis(3-hydroxy-2-naphthoic acid)

**CAT No.** : KMP027001

**CAS No.** : 130-85-8

**Molecular Formula** : C<sub>23</sub>H<sub>16</sub>O<sub>6</sub>

**Molecular Weight** : 388.37



### Analytical Information

**Batch No.** : PAM-073-273

**Description** : Yellow Solid

**HPLC Purity** : 99.91 %

**Weight Loss By TGA** : 0.23 %

**% Potency** : 99.68 %

**Solubility** : 0.01 N NaOH

**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 - 0.23(Weight Loss By TGA)] x [99.91(HPLC Purity)]/100 = 99.68 %

**Recommendation** : Released

	Department	Name	Signature	Date
<b>Prepared By</b>	Analytical	Jignesh Patel		29/06/2024
<b>Reviewed &amp; Approved By</b>	Quality Control	Jatin Patel		29/06/2024

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