

# CERTIFICATE OF ANALYSIS

(Certificate No. KMP099014-01)

Release Date: 02/04/2025

Re-test Date: 01/04/2028

## (4,4'-(1,4-phenylene)dibutyric Acid)

### Identification

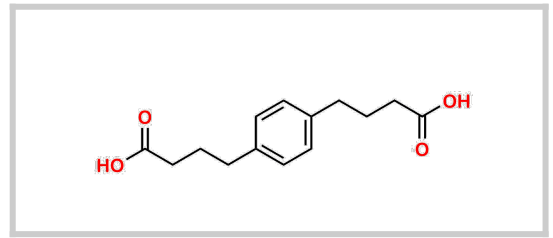
**Chemical Name :**  
4,4'-(1,4-Phenylene)dibutyric acid

**CAT No. :** KMP099014

**CAS No. :** 22339-62-4

**Molecular Formula :** C<sub>14</sub>H<sub>18</sub>O<sub>4</sub>

**Molecular Weight :** 250.3



### Analytical Information

**Batch No. :** P099014-091-302

**Description :** Off White Solid

**HPLC Purity :** 98.38 %

**Weight Loss By TGA :** 0.34 %

**% Potency :** 98.05 %

**Solubility :** \*Refer in Additional information

**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 - 0.34(Weight Loss By TGA)] x [98.38(HPLC Purity)]/100 = 98.05 %

\*Solubility: Insoluble in Water and Freely Soluble in 5mg/1 ml methanol

**Recommendation :** Released

	Department	Name	Signature	Date
Prepared By	Analytical	Parag Patel		03/04/2025
Reviewed & Approved By	Quality Control	Jatin Patel		03/04/2025

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