

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 :

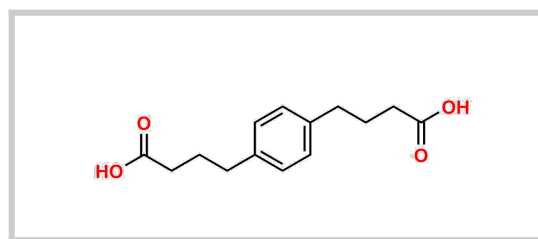
4,4'-(1,4-Phenylene)dibutyric acid

CAT No. : KMP099014

CAS No. : 22339-62-4

Molecular Formula : C₁₄H₁₈O₄

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

¹H 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, ¹HNMR, IR and TGA