CERTIFICATE OF ANALYSIS

(Certificate No. KMP099014-02)

Release Date: 23/06/2025 **Re-test Date:** 22/06/2028

(4,4'-(1,4-phenylene) Di butyric Acid)

Identification

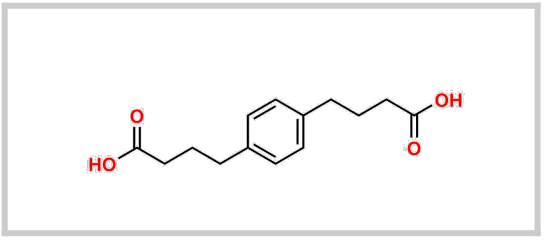
Chemical Name :
4,4'-(1,4-Phenylene)dibutyric acid

CAT No. : KMP099014

CAS No. : 22339-62-4

Molecular Formula : C14H18O4

Molecular Weight : 250.3



Analytical Information

Batch No. : P099014-102-089

Description : Off White Solid

HPLC Purity : 99.04 %

Weight Loss By TGA : 3.37 %

% Potency : 95.7 %

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 - 3.37(Weight Loss By TGA)] x [99.04(HPLC Purity)]/100 = 95.7 %
*Solubility: Insoluble in Water and Freely Soluble in 5mg/1 ml methanol

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		24/06/2025
Reviewed & Approved By	Quality Control	Jatin Patel		24/06/2025

Attachments : COA, HPLC, MASS, 1HNMR, IR and TGA