CERTIFICATE OF ANALYSIS

(Certificate No. KMA056002-01)

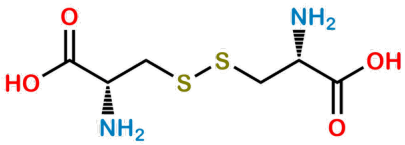
Release Date: 23/06/2026 **Re-test Date:** 22/06/2029

L-Cystine

Identification

Chemical Name :
3,3′-Disulfanediylbis[(2R)-2-aminopropanoic acid] (as per EP)

Alt. Name	: L-Cystin (EP) ; Cystine Acid ; Dicysteine ; L-Cysteine Disulfide
CAT No.	: KMA056002
CAS No.	: 56-89-3
Molecular Formula	: C6H12N2O4S2
Molecular Weight	: 240.3



Analytical Information

Batch No.	: A056002-136-045	**Solubility**	: 0.1 N NaOH
Description	: Off White Solid	**Mass**	: Confirm
HPLC Purity	: 97.71 %	**IR**	: Confirm
Weight Loss By TGA	: 0.25 %	**1H NMR**	: Confirm
% Potency	: 97.47 %		

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 - 0.25(Weight Loss By TGA)] x [97.71(HPLC Purity)]/100 = 97.47 %

Recommendation : Released

	Department	Name	Signature	Date
Prepared By	Analytical	Jignesh Patel		23/06/2026
Reviewed & Approved By	Quality Control	Jatin Patel		23/06/2026

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