



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis

Product Name: Ellaplex-C (Cystamine Dimaleate)

Product Information

Product Number ECDM-20260228
Batch Number ECDM-SH2026022801
Brand SIGALD
CAS Number 56-17-7
MDL Number MFCD00012115
Formula $C_{10}H_{16}N_2O_8S_2$
Formula Weight 356.37 g/mol
Quality Release Date 28 FEB 2026

Test Results

Test	Specification (Industrial/Biochemical Standard)	Result	Unit	Test Method
Appearance (Color)	White to off-white	White	-	Visual Inspection
Appearance (Form)	Crystalline powder, no caking	Crystalline powder, no caking	-	Visual Inspection & Sieve Test (80 mesh)
Assay (Cystamine Dimaleate)	≥ 99.0%	99.5%	%	High Performance Liquid Chromatography (HPLC)
pH Value (1% aq., 25°C)	4.0-6.0	5.2	-	Digital pH Meter
Water Content	≤ 0.5%	0.2%	%	Karl Fischer Titration
Melting Point	120-124°C	122.5°C	°C	Melting Point Apparatus
Heavy Metals (Pb)	≤ 2 ppm	0.5 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 1 ppm	0.2 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Total Bacterial Count	≤ 100 CFU/g	15 CFU/g	CFU/g	Plate Count Method
E. coli	Negative	Negative	-	Microbiological Detection
Solubility (in water, 25°C)	≥ 50 g/L	65 g/L	g/L	Gravimetric Method
Supplier Information	Confirmed	Confirmed	-	-
Registered Trademark	Confirmed	Confirmed	-	-

Certification

This batch of product has been tested in accordance with industrial and biochemical standards for Cystamine Dimaleate and meets all specified requirements. It is qualified for use as biochemical raw material, chemical intermediate and cosmetic raw material.

Issue Date:28 FEB 2026