



NEWAY SINOPHC TECH. LIMITED

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Certificate of Analysis (COA)

Product Name: Diethylstilbestrol

Product Information

Product Number: DES-20260222

Batch Number: DES-SH2026022201

Brand: SIGALD

CAS Number: 56-53-1

Molecular Formula: C₁₈ H₂₀ O₂

Molecular Weight: 268.35 g/molQuality

Release Date: 22 FEB 2026

Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance	White to creamy white crystalline powder	White crystalline powder	-	Visual Inspection
Assay (HPLC)	≥ 98.0%	98.9%	%	High Performance Liquid Chromatography
Melting Point	169-172°C	170.5°C	°C	Capillary Melting Point Method
Loss on Drying	≤ 0.5%	0.17%	%	105°C Constant Weight Method
Residue on Ignition	≤ 0.1%	0.02%	%	Gravimetric Method
Heavy Metals (Pb)	≤ 10 ppm	1.2 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	≤ 2 ppm	0.2 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Related Substances (Total)	≤ 1.5%	0.41%	%	High Performance Liquid Chromatography
Related Substances (Single)	≤ 0.5%	0.13%	%	High Performance Liquid Chromatography
Solubility Test	Soluble in ethanol, ether, chloroform	Complies	-	Solubility Test Method
Loss on Ignition	≤ 0.1%	0.02%	%	Gravimetric Method

Certification This batch of product has been tested in accordance with the relevant industrial standards for Diethylstilbestrol and meets all specified requirements. It is qualified for use.

Issue Date: 22 FEB 2026