



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (COA)

**Product Name:** Aldosterone

### Product Information

Product Number: ALD-20260210

Batch Number: ALD-SH2026021001

Brand: SIGALD

CAS Number: 52-39-1

Molecular Formula:  $C_{21}H_{28}O_5$

Molecular Weight: 360.44 g/mol

Quality Release Date: 10 FEB 2026

### Test Results

Test	Specification (Industry Standard)	Result	Unit	Test Method
Appearance	White to off-white crystalline powder	White crystalline powder	-	Visual Inspection
Assay (HPLC)	$\geq 98.0\%$	98.7%	%	High Performance Liquid Chromatography
Melting Point	170-175°C (decomposes)	172.6°C	°C	Capillary Melting Point Method
Loss on Drying	$\leq 0.5\%$	0.12%	%	105°C Constant Weight Method
Residue on Ignition	$\leq 0.1\%$	0.02%	%	Gravimetric Method
Heavy Metals (Pb)	$\leq 10$ ppm	0.8 ppm	ppm	Atomic Absorption Spectrometry (AAS)
Heavy Metals (As)	$\leq 2$ ppm	0.1 ppm	ppm	Atomic Fluorescence Spectrometry (AFS)
Related Substances (Total)	$\leq 1.5\%$	0.32%	%	High Performance Liquid Chromatography
Related Substances (Single)	$\leq 0.5\%$	0.09%	%	High Performance Liquid Chromatography
Optical Rotation (c=0.5, EtOH)	+132° to +139°	+135.8°	°	Polarimetry
Solubility Test	Soluble in ethanol, chloroform; slightly soluble in water	Complies	-	Solubility Test Method

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

**Issue Date:** 10 FEB 2026