



# NEWAY SINOPHC TECH. LIMITED

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## Certificate of Analysis (COA)

**Product Name:** Desoxycorticosterone

### Product Information

Product Number: DOC-20260228

Batch Number: DOC-SH2026022801

Brand: SIGALD

CAS Number: 64-85-7

Molecular Formula:  $C_{21}H_{30}O_2$

Molecular Weight: 314.46 g/mol

Quality Release Date: 28 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)                 | $\geq 98.0\%$                                      | 98.8%                    | %    | High Performance Liquid Chromatography |
| Melting Point                | 155-160°C  | 157.8°C                  | °C   | Capillary Melting Point Method         |
| Loss on Drying               | $\leq 0.5\%$                                       | 0.13%                    | %    | 105°C Constant Weight Method           |
| Residue on Ignition          | $\leq 0.1\%$                                       | 0.02%                    | %    | Gravimetric Method                     |
| Heavy Metals (Pb)            | $\leq 10$ ppm                                      | 0.9 ppm                  | ppm  | Atomic Absorption Spectrometry (AAS)   |
| Heavy Metals (As)            | $\leq 2$ ppm                                       | 0.1 ppm                  | ppm  | Atomic Fluorescence Spectrometry (AFS) |
| Related Substances (Total)   | $\leq 1.5\%$                                       | 0.36%                    | %    | High Performance Liquid Chromatography |
| Related Substances (Single)  | $\leq 0.5\%$                                       | 0.10%                    | %    | High Performance Liquid Chromatography |
| Optical Rotation (c=1, EtOH) | +170° to +178°                                     | +174.2°                  | °    | Polarimetry                            |
| Solubility Test              | Soluble in ethanol, chloroform; insoluble in water | Complies                 | -    | Solubility Test Method                 |

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

**Issue Date:** 28 FEB 2026