

Certificate of Analysis

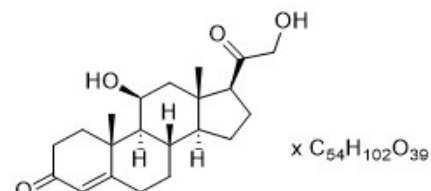


Product Identification

Chemical Structure

Catalog number HB18515
Compound name Corticosterone-cyclodextrin (water soluble)
Chemical name (11 β)-11,21-Dihydroxypregn-4-ene-3,20-dione

Basic molecular formula $C_{21}H_{30}O_4$
Basic molecular weight 346.46
Batch number E2932-2-1
Origin Synthetic



Method

QC requirement

QC Result

HPLC	Reverse Phase of free corticosterone shows >98% purity	Meets specification: 99.5%
NMR	1H NMR in D_2O at 400 MHz consistent with structure	Meets specification
Physical appearance	White to off-white solid	Meets specification: White solid
Solubility	Soluble in water (450mg/ml)	Meets specification

Produced by Richard Patterson

Signature

Passed by Steve Roome

Signature

Date

26/03/2025

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.