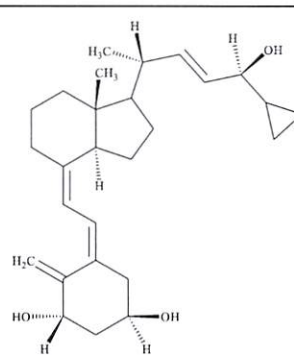


Certificate of Analysis



Certificate No.: 20260114502

Date: January 14, 2026

Retest date: June 18, 2026

Compound Name:	Calcipotriol EP Impurity B	
Synonyms:	(5Z,7Z,22E,24S)-24-cyclopropyl-9,10-secochola-5,7,10(19),22-tetraene-1 α ,3 β ,24-triol	
TLC Catalogue Number:	C-148003	
CAS Number:	2948288-30-8	
Alternate CAS Number:	N/A	
Molecular Weight:	412.61	
Molecular Formula:	C ₂₇ H ₄₀ O ₃	
Source:	TLC Pharmaceutical Standards	
Source Lot No.:	C0269-009A1	
Storage Conditions:	Protect from light and air, store at -20 °C	
Solubility:	Methanol, DMSO	

Test Description	Specifications	Results
Visual Description	White to off-white solid	Conforms
Identification		
IR	Conforms to structure	Conforms
MS	Conforms to structure	Conforms
¹ H NMR	Conforms to structure	Conforms
Purity (HPLC)	Not less than 95.0%	98.1%
Impurity (HPLC)	RT 9.09, 0.38%; RT 9.79, 0.98%; RT 25.10, 0.35%	
Residual Solvents (NMR)	0.6% ethyl acetate	
Assay (qNMR)	Not less than 90.0%	96.8%
Recommendation:	Release. The compound is unstable and can easily deteriorate. It should be stored as the storage condition stated in COA, and to be used immediately upon received.	

Name	Department	Signature	Date
Reviewed and approved by:	Quality Control		01/14/2026
Approved by:	Quality Assurance		01/14/2026

Attachments: Peak Attribution Table, Assay Calculation, HPLC, IR, MS and NMR spectra.