

Certificate of Analysis

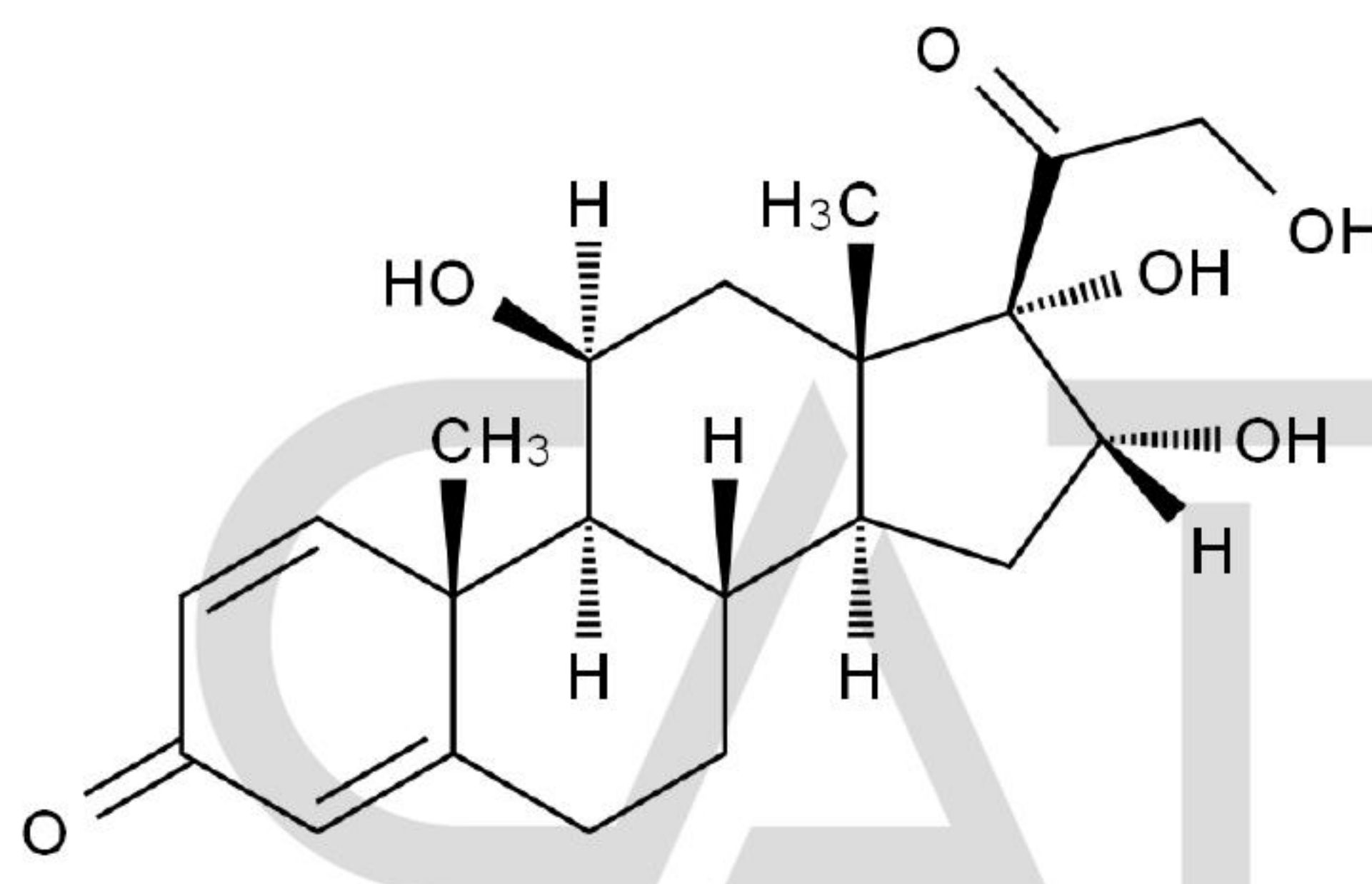
Reference Material & Standard

Product Name:	Budesonide EP Impurity A	Catalogue Number:	C4X-13891
Synonyms:	Desonide USP Impurity A	Lot Number:	1213-RC-0153
CAS Number:	13951-70-7	Expiry Date:	May 25, 2028
Molecular Formula:	C ₂₁ H ₂₈ O ₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	376.44	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.322%
Loss On Drying	TGA	0.0000%
Assay		99.3%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Approved by General Manager:

David

Date: Mar 27, 2026

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