

Certificate of Analysis

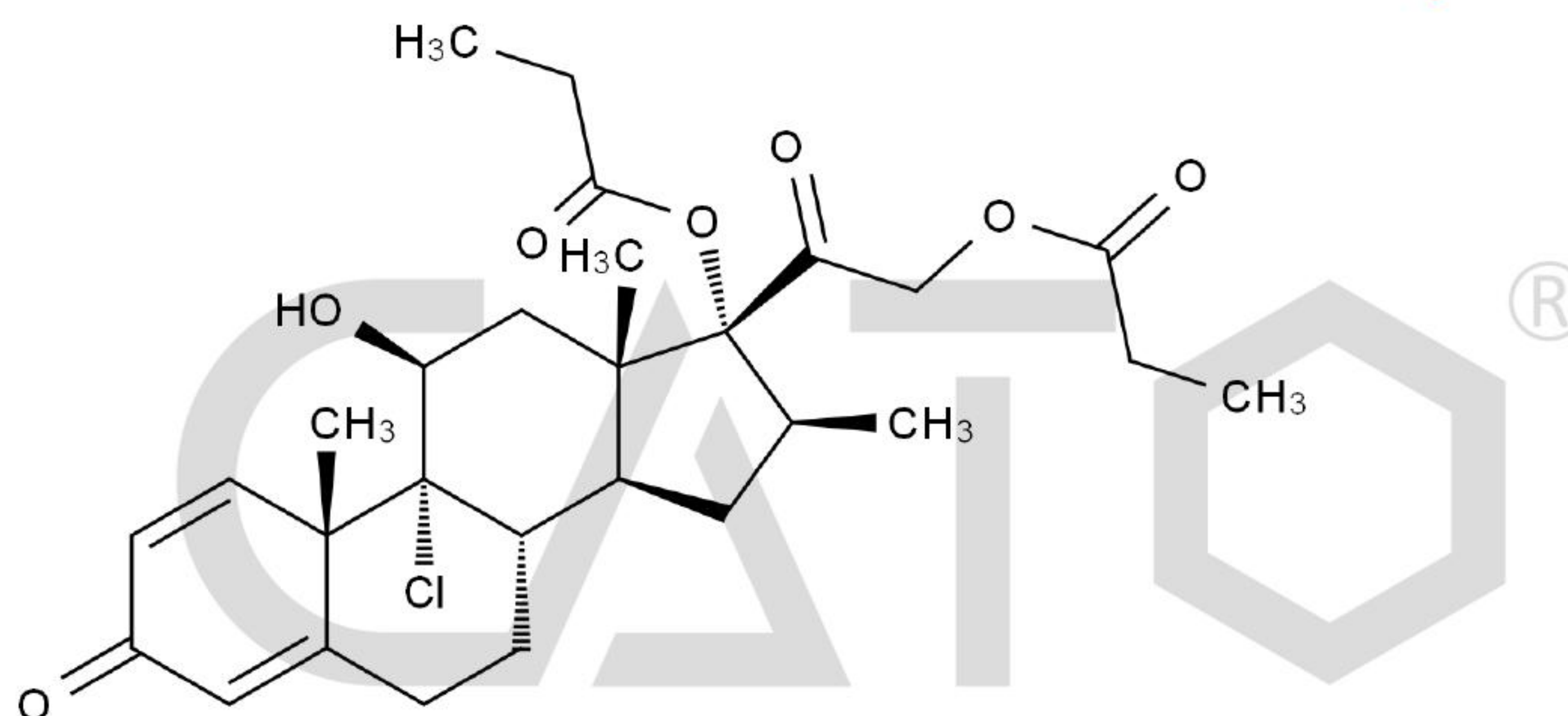
Reference Material & Standard

Product Name:	Betamethasone Dipropionate EP Impurity E	Catalogue Number:	C4X-143716
Synonyms:	N/A	Lot Number:	0821-RH-0091
CAS Number:	5534-09-8	Expiry Date:	Aug 20, 2030
Molecular Formula:	C ₂₈ H ₃₇ ClO ₇	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	521.04	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.352%
Residue on Ignition	TGA	0.4451%
Loss on Drying	TGA	0.1339%
Assay		98.8%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss on Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss on Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 21, 2026

Date: Aug 24, 2026

Date: Aug 24, 2026



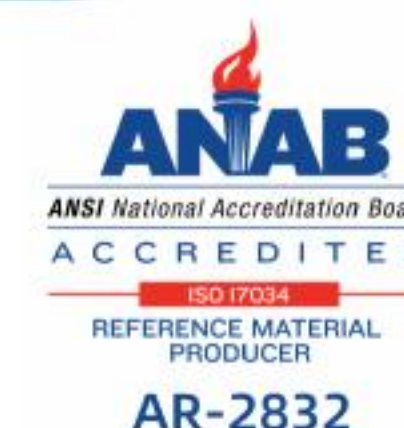
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