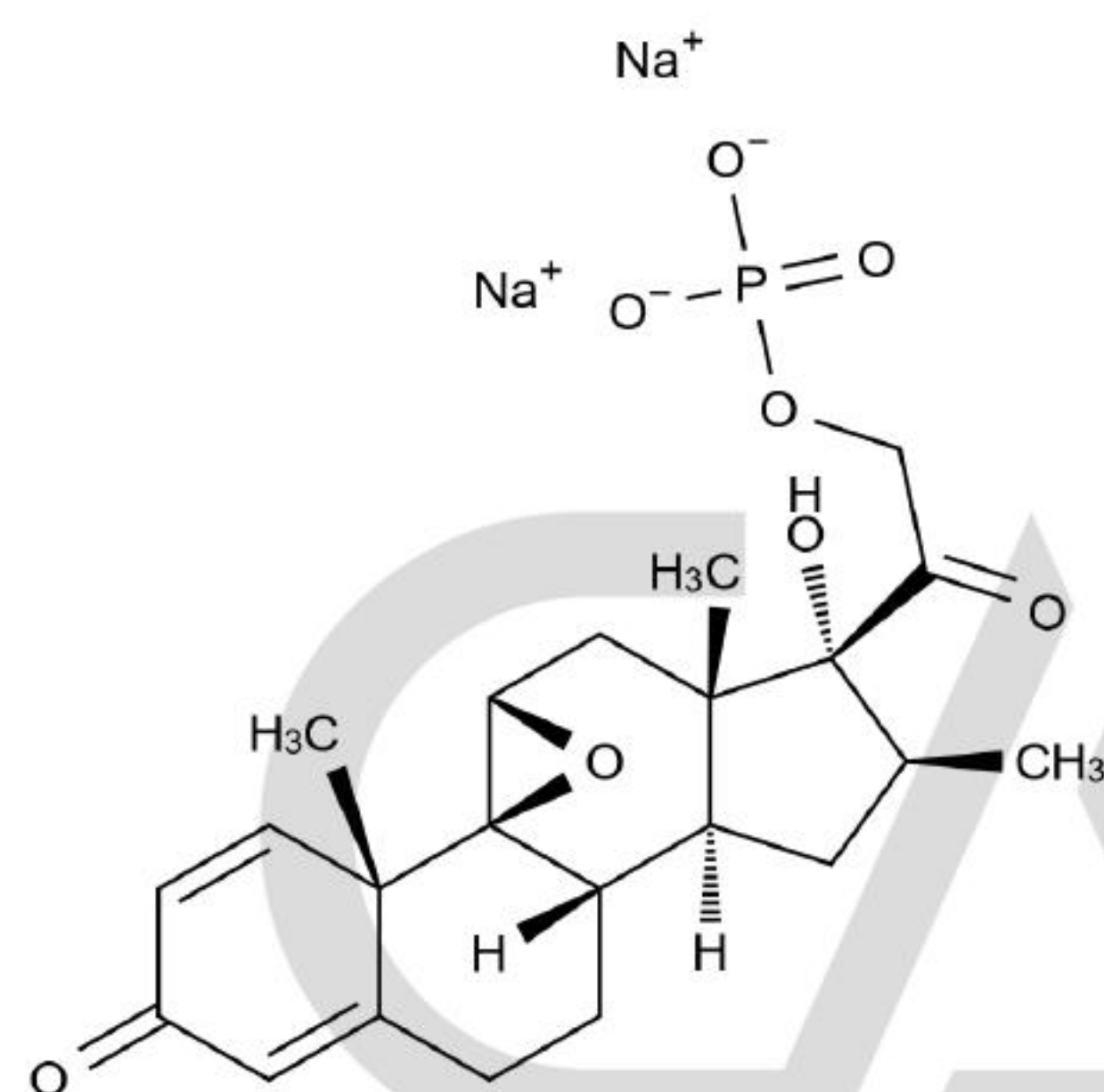


Certificate of Analysis

Reference Material & Standard

Product Name:	Betamethasone impurity 60	Catalogue Number:	C4X-143760
Synonyms:	N/A	Lot Number:	0914-RH-0085
CAS Number:	N/A	Expiry Date:	Sep 23, 2030
Molecular Formula:	C ₂₂ H ₂₇ O ₈ P 2*Na	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	450.42 2*22.99	Shipping Condition:	Shipping with Ice Packs
Solubility:	Water		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	91.005%
Loss on Drying	TGA	2.2420%
Assay		89.0%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Sep 24, 2026

Date: Sep 24, 2026

Date: Sep 24, 2026



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