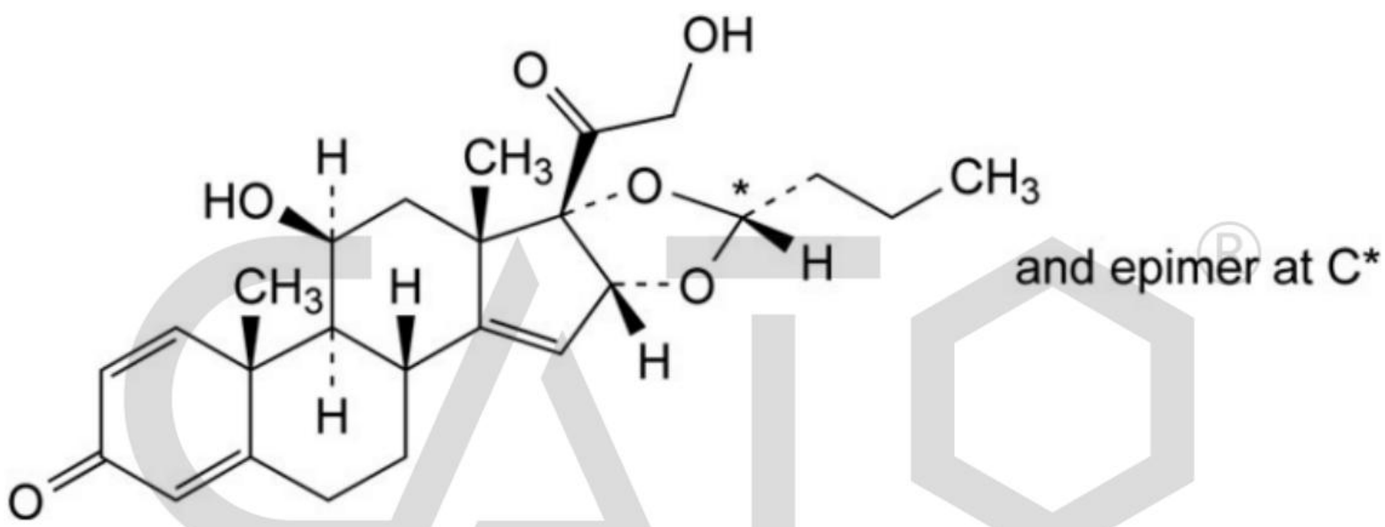
Certificate of Analysis

Reference Material & Standard

Product Name:	Budesonide EP Impurity E	**Catalogue Number:**	C4X-13895
Synonyms:	N/A	**Lot Number:**	1008-RH-0016
CAS Number:	131918-64-4	**Expiry Date:**	Oct 09, 2030
Molecular Formula:	$C_{25}H_{32}O_6$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	428.52	**Shipping Condition:**	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



and epimer at C*

Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.673%
Loss on Drying	TGA	2.0328%
Assay	Mass Balance	94.7%

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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: Alice Date: Oct 10, 2026

Reviewed by: Koi Date: Oct 10, 2026

Approved by General Manager: David Date: Oct 10, 2026

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