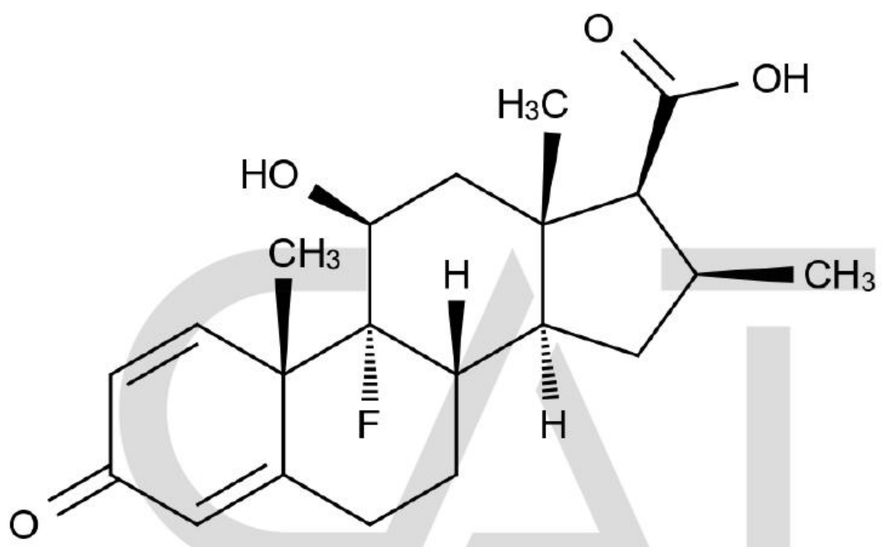
Certificate of Analysis

Reference Material & Standard

Product Name:	Betamethasone impurity 73	**Catalogue Number:**	C4X-143773
Synonyms:	N/A	**Lot Number:**	0804-RG-0111
CAS Number:	1203841-43-3	**Expiry Date:**	Aug 06, 2029
Molecular Formula:	$C_{21}H_{27}FO_4$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	362.44	**Shipping Condition:**	Shipping with Ice Packs

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.927%
Loss on Drying	TGA	0.0940%
Assay		97.8%

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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: Aug 07, 2025

Reviewed by: Koi Date: Aug 07, 2025

Approved by General Manager: David Date: Aug 07, 2025

CATO Research Chemicals Inc.