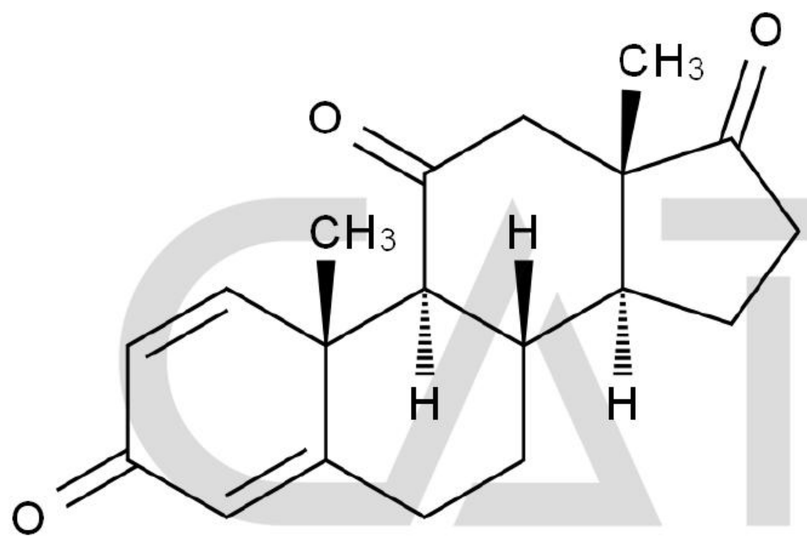
Certificate of Analysis

Reference Material & Standard

Product Name:	Prednisone EP Impurity K	**Catalogue Number:**	C4X-16943
Synonyms:	N/A	**Lot Number:**	1101-RH-0006
CAS Number:	7738-93-4	**Expiry Date:**	Nov 03, 2030
Molecular Formula:	$C_{19}H_{22}O_3$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	298.38	**Shipping Condition:**	Shipping with Ice Packs
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Light Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.663%
Loss on Drying	TGA	0.1387%
Assay	Mass Balance	97.5%

CATO Research Chemicals Inc.

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: Nov 04, 2026

Reviewed by: Koi Date: Nov 04, 2026

Approved by General Manager: David Date: Nov 04, 2026

CATO Research Chemicals Inc.