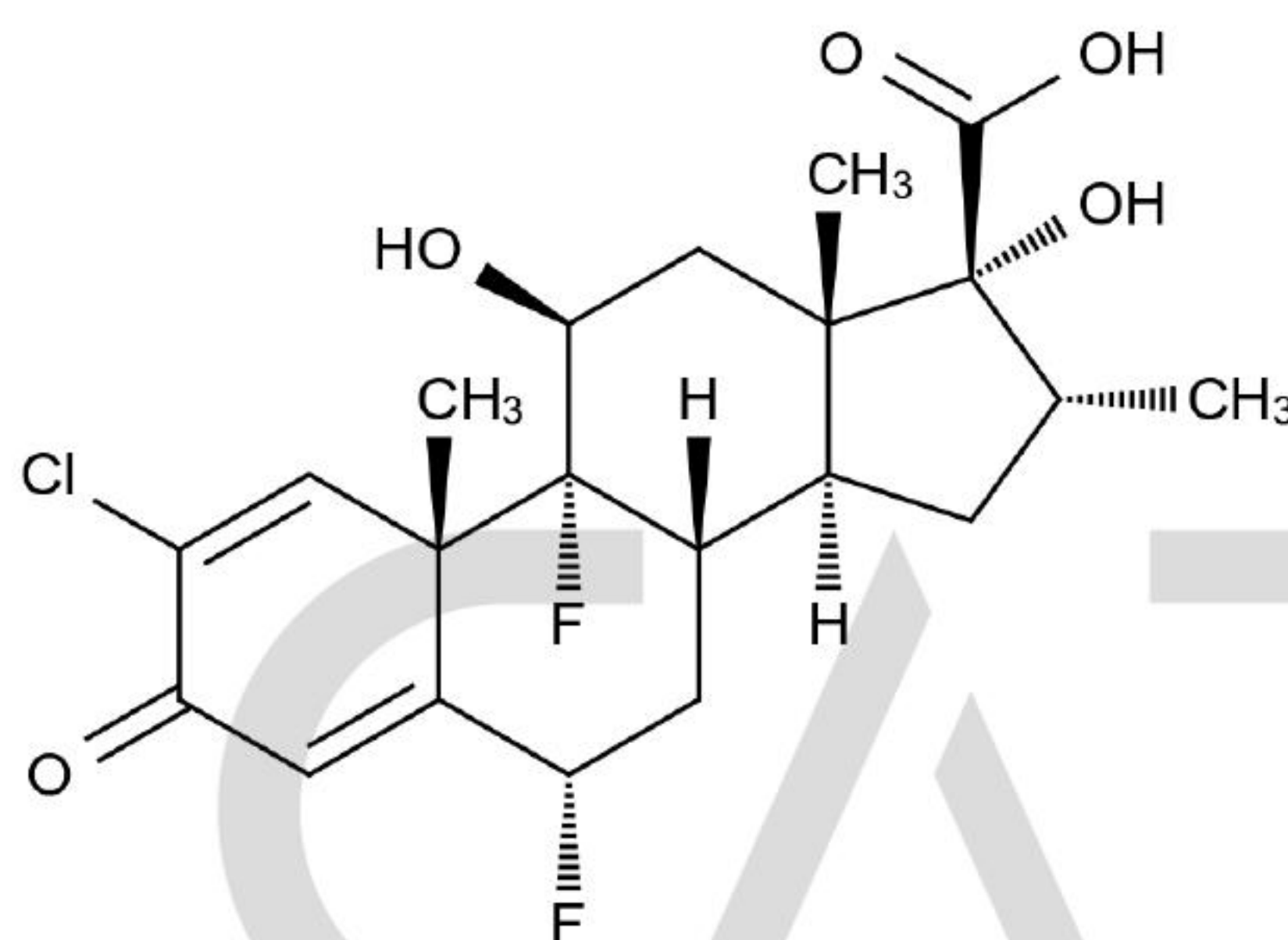


Certificate of Analysis

Reference Material & Standard

Product Name:	Halometasone Impurity N2	Catalogue Number:	CP148061
Synonyms:	N/A	Lot Number:	0413-RF-0040
CAS Number:	80157-55-7	Expiry Date:	Apr 08, 2027
Molecular Formula:	C ₂₁ H ₂₅ ClF ₂ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	430.87	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	99.8455%
Water Content	Karl Fischer	2.70%
Residual Solvents	NMR	2.2% methanol
Optical Rotation		[α] _D ^{25.0} (c=0.44, CH ₃ OH): +7.3°
Assay		95.0%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Lily

Reviewed by:

Hin Lam

Aproved by General Manager:

David

Date: Apr 15, 2024

Date: Apr 15, 2024

Date: Apr 15, 2024

