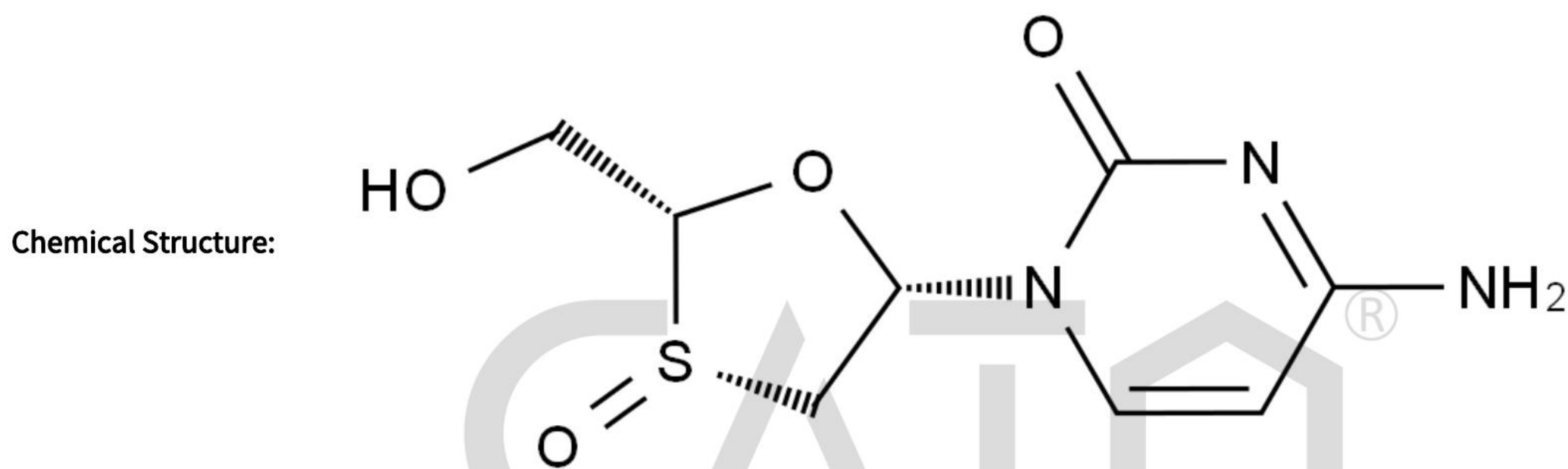


Certificate of Analysis

Reference Material & Standard

Product Name:	Lamivudine EP Impurity G	Catalogue Number:	C4X-11942
Synonyms:	N/A	Lot Number:	0211-RG-0057
CAS Number:	160552-55-6	Expiry Date:	Sep 19, 2027
Molecular Formula:	C ₈ H ₁₁ N ₃ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	245.26		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.400%
Water Content	Karl Fischer	0.43%
Residual Solvents	NMR	Not detected in NMR
Assay		98.0%

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:

Hinlam

Approved by General Manager:

David

Date: Feb 11, 2025

Date: Feb 11, 2025

Date: Feb 11, 2025

