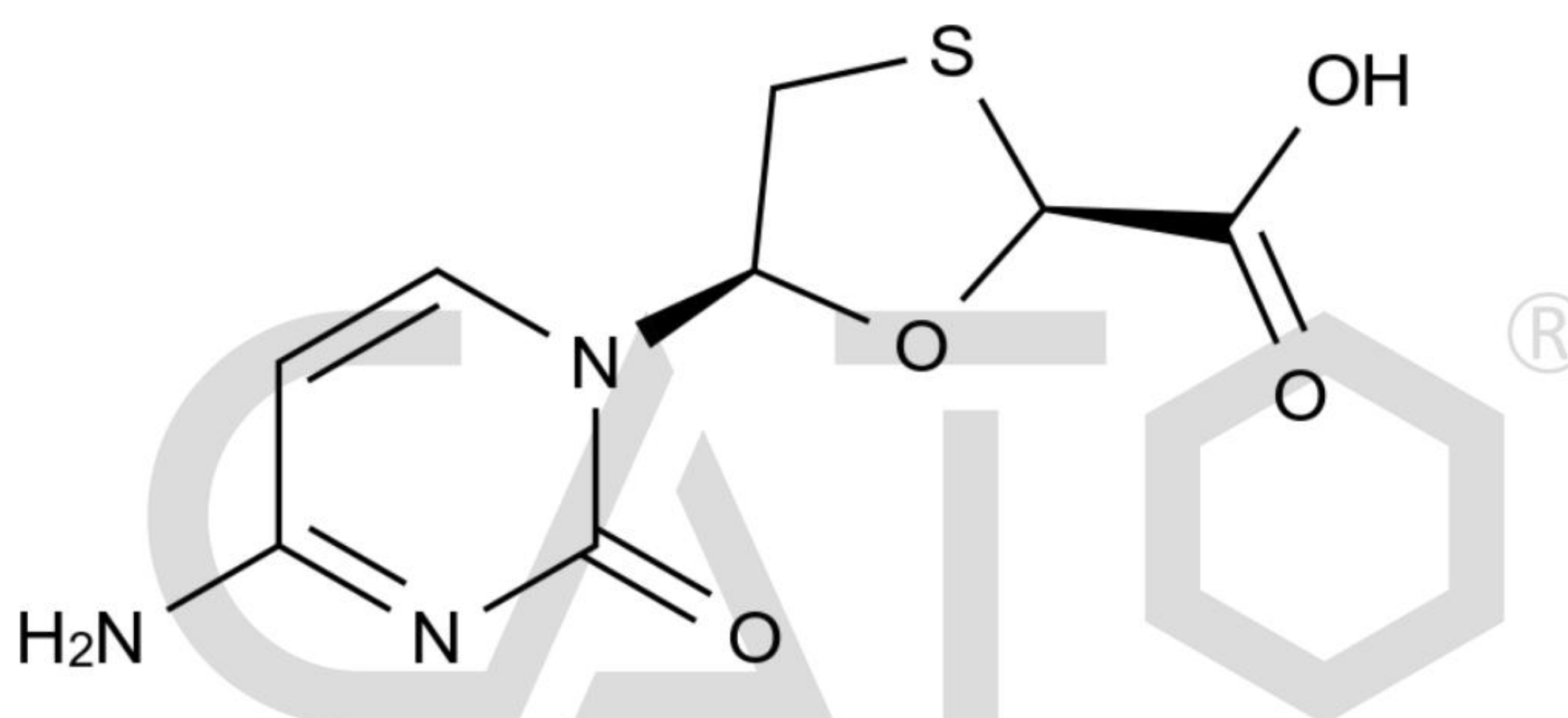


Certificate of Analysis

Reference Material & Standard

Product Name:	Lamivudine Impurity 42	Catalogue Number:	C4X-119442
Synonyms:	N/A	Lot Number:	0717-RH-0044
CAS Number:	N/A	Expiry Date:	Jul 19, 2030
Molecular Formula:	C ₈ H ₉ N ₃ O ₄ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	243.24	Shipping Condition:	Shipping with Ice Packs
Solubility:	DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.879%
Loss on Drying	TGA	7.9903%
Assay		91.0%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Jul 20, 2026

Date: Jul 21, 2026

Date: Jul 21, 2026



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