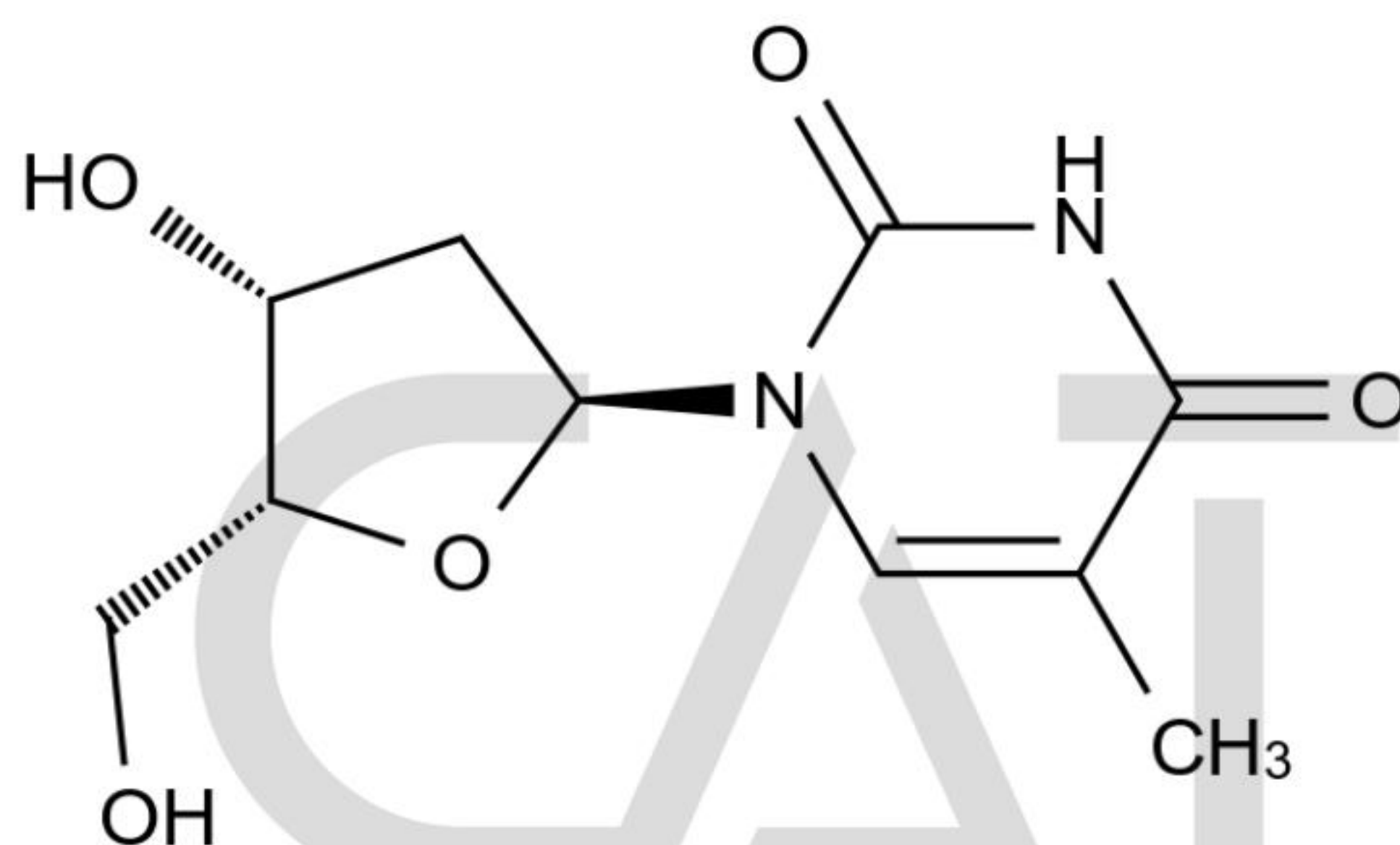


Certificate of Analysis

Reference Material & Standard

Product Name:	Zidovudine Impurity F	Catalogue Number:	C1349722
Synonyms:	N/A	Lot Number:	0803-RH-0032
CAS Number:	16053-52-4	Expiry Date:	Aug 06, 2030
Molecular Formula:	C ₁₀ H ₁₄ N ₂ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	242.23	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.046%
Loss on Drying	TGA	1.0337%
Assay		97.0%

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: Aug 07, 2026

Date: Aug 10, 2026

Date: Aug 10, 2026



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