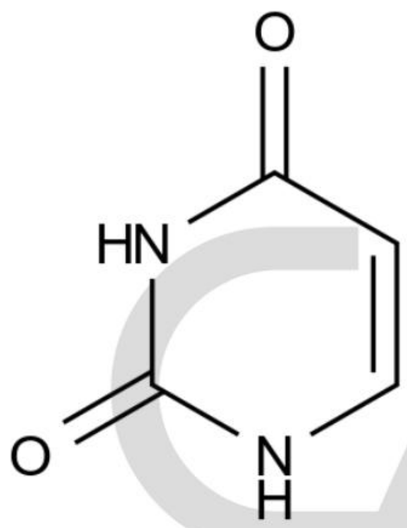
Certificate of Analysis

Reference Material & Standard

Product Name:	Lamivudine EP Impurity F	**Catalogue Number:**	C4X-11949
Synonyms:	N/A	**Lot Number:**	0411-RG-0093
CAS Number:	66-22-8	**Expiry Date:**	Apr 17, 2028
Molecular Formula:	$C_4H_4N_2O_2$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	112.09	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	0.1242%
Assay		99.9%

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: Apr 18, 2025

Reviewed by: Koi Date: Apr 18, 2025

Approved by General Manager: David Date: Apr 18, 2025

CATO Research Chemicals Inc.