Certificate of Analysis

Reference Material & Standard

Product Name:	Acyclovir	**Catalogue Number:**	C4X-1010
Synonyms:	N/A	**Lot Number:**	0823-RD-0019
CAS Number:	59277-89-3	**Expiry Date:**	Aug 23, 2025
Molecular Formula:	$C_8H_{11}N_5O_3$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	225.20		
		Warning:	
Chemical Structure:	N/A		

Test Items	Method	Results
Appearance	Visual inspection	White Powder
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss on Drying	TGA	4.7843%
Assay		95.2%

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.

CATO Research Chemicals Inc.

Signature:

Prepared by: Debra Date: Aug 24, 2022

Reviewed by: Hinlam Date: Aug 25, 2022

Approved by General Manager: David Date: Aug 25, 2022

CATO Research Chemicals Inc.