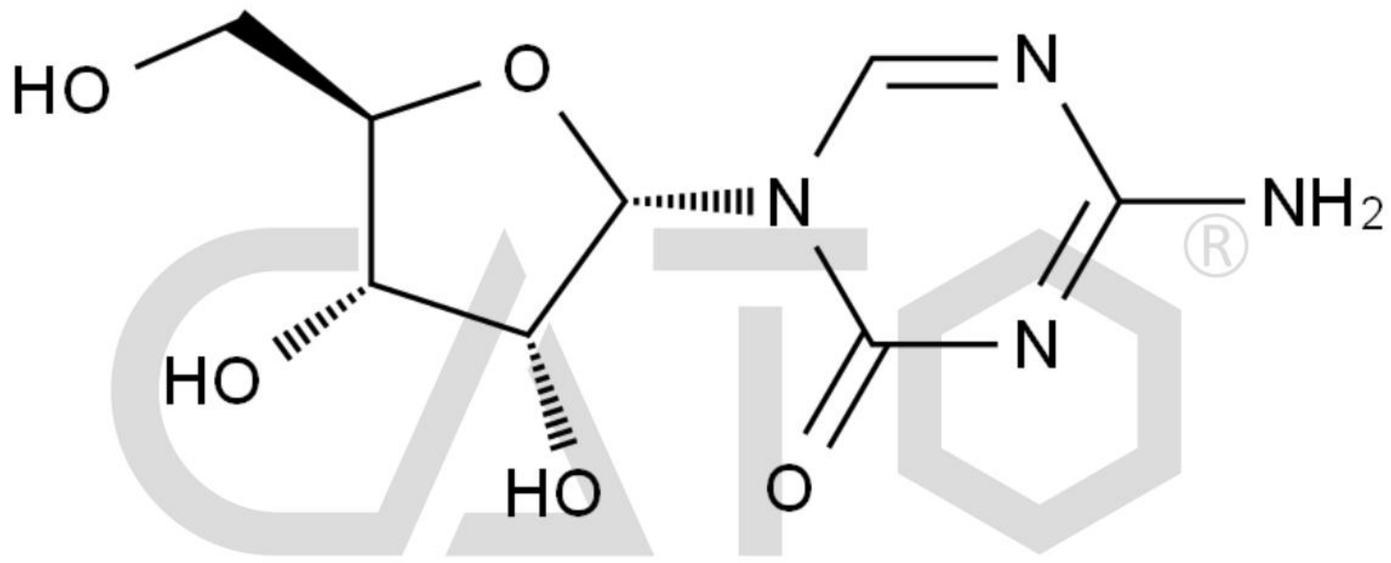
Certificate of Analysis

Reference Material & Standard

Product Name:	Azacitidine Impurity 3	**Catalogue Number:**	C4X-13883
Synonyms:	N/A	**Lot Number:**	1101-RH-0130
CAS Number:	157771-77-2	**Expiry Date:**	Nov 05, 2030
Molecular Formula:	$C_8H_{12}N_4O_5$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	244.20	**Shipping Condition:**	Shipping at Room Temperature
		Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.43%
Loss on Drying	TGA	1.818%
Assay	Mass Balance	95.7%

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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: Date: Nov 11, 2026

Reviewed by: Date: Nov 11, 2026

Approved by General Manager: Date: Nov 11, 2026

CATO Research Chemicals Inc.