CATO Research Chemicals Inc.

Make the Tests More Accurate

ISO 17034 : 2016 | ISO 9001 : 2015

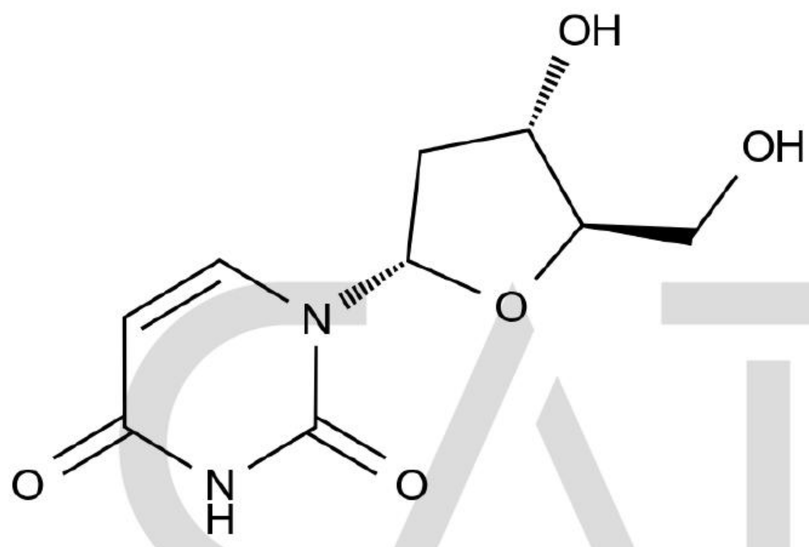
No.: 202509110097

Certificate of Analysis

Reference Material & Standard

Product Name:	2′-Deoxy-α-Uridine	**Catalogue Number:**	C4X-233419
Synonyms:	N/A	**Lot Number:**	0916-RG-0084
CAS Number:	4449-42-7	**Expiry Date:**	Sep 21, 2029
Molecular Formula:	$C_9H_{12}N_2O_5$	**Storage:**	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	228.20		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	99.375%
Loss On Drying	TGA	4.4230%
Assay		95.0%

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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: Alice — Date: Sep 22, 2025

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Approved by General Manager: David — Date: Sep 22, 2025

CATO Research Chemicals Inc.

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ANAB ANSI National Accreditation Board ACCREDITED ISO 17034 REFERENCE MATERIAL PRODUCER AR-2832

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