Certificate of Analysis

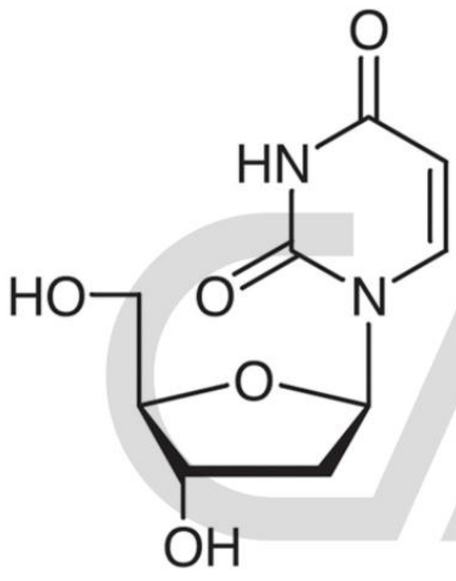
Reference Material & Standard

Product Name:	2'-Deoxyuridine	**Catalogue Number:**	CCAD301766
Synonyms:	N/A	**Lot Number:**	0916-RG-0087
CAS Number:	951-78-0	**Expiry Date:**	Sep 21, 2029
Molecular Formula:	$C_9H_{12}N_2O_5$	**Storage:**	-20°C±5°C Protected from light and Sealed
Molecular Weight:	228.20		

Warning:



Chemical Structure:



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Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&UV&HNMR	Confirmed
Purity	HPLC	100.0%
Assay	qNMR	90.4%
Uncertainty		±1.8%

Comment:

The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by: Alice Date: Sep 22, 2025

Reviewed by: Lisa Date: Sep 22, 2025

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

CATO Research Chemicals Inc.