

Certificate of Analysis

Date of Testing: 2025-09-12 15:53:31

Date of Next Testing: 2029-09-11 15:53:31

Product Name: **Uracil 1- β -D-arabinofuranoside**

CAS Number: 3083-77-0

Specifications & Purity: $\geq 98\%$

Lot #: K2129442

SKU #: **U101145**

Version: **0**

Analysis #: **571376**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
EmM(Lambda max 262-264 nm in 0.1 M PO ₄ , pH 7.0)	10.2-10.8	10.79
Specific Rotation [a] ₂₀ /D(c=0.5 in H ₂ O)	118-123 (°)	118.84°
Purity(HPLC)	98-100 (%)	98.46300 %
Wave Length	262-264 (nm)	262.98 nm
Appearance (U101145)	White to Off-White Powder	White to Off-White Powder
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
Solubility in H ₂ O , Colorless ,Clear ,50 mg/mL in H ₂ O	pass	Pass



John Su
QA & QC Manager