

Certificate of Analysis

Date of Testing: 2023-03-08 15:01:38

Date of Next Testing: 2027-03-07 15:01:38

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

CAS Number: 3083-77-0

Specifications & Purity: 98%

Lot #: G1531053

SKU #: **U101145**

Analysis: **195677**

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	10.32
Specific Rotation [a] ₂₀ /D(c=0.5 in H ₂ O)	118-123 (°)	121.00 °
Purity(HPLC)	98-100 (%)	98.60000 %
Wave Length	262-264 (nm)	263.00 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