

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-06-19 14:28:21

Date of Next Testing: 2028-06-18 14:28:21

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

CAS Number: 3083-77-0

Specifications & Purity: $\geq 98\%$

Lot #: H2011135

SKU #: **U101145**

Version: **0**

Analysis #: **371998**

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	10.20000
Specific Rotation [a] _D 20/D(c=0.5 in H ₂ O)	118-123 (°)	119.89400 °
Purity(HPLC)	98-100 (%)	99.83200 %
Wave Length	262-264 (nm)	263.00000 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