

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2026-03-14 13:53:21
 Date of Next Testing: 2030-03-13 13:53:21
 Product Name: **5-Methyluridine**
 CAS Number: 1463-10-1
 Specifications & Purity: $\geq 99\%$
 Lot #: C2605138
 SKU #: **M101429**
 Version: **1**
 Analysis #: **673208**
 Storage Temperature: Room temperature

Parameter	Limit Values	Result
A250/A260	0.6-0.68	0.66800
Heavy metal (as Pb)	0-10 (ppm)	9.80000 ppm
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in W/V in } 0.2N \text{ NaOH})$	-18.4--18.2 (°)	-18.20000 °
Loss on drying	0-0.5 (%)	0.40000 %
Melting point	182-190 (°C)	188.70000 °C
Ignition Residue (as sulfate)	0-0.3 (%)	0.02000 %
A280/A260	0.67-0.75	0.68000
Purity(HPLC)	99-100 (%)	99.95000 %
Appearance (M101429)	White to Off-White Powder or Crystals	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager