

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Specification Sheet

Product Name: **5-Methyluridine**
Specifications & Purity: **99%**
SKU #: **M101429**

Parameter	Limit Values
A250/A260	0.6-0.68
Heavy metal (as Pb)	0-10 (ppm)
Specific Rotation $[\alpha]_{20/D}(c=2 \text{ in W/V in } 0.2N \text{ NaOH})$	-18.4--18.2 (°)
Loss on drying	0-0.5 (%)
Melting point	182-190 (°C)
Ignition Residue (as sulfate)	0-0.3 (%)
A280/A260	0.67-0.75
Purity(HPLC)	98-100 (%)
Appearance (M101429)	White to Off-White Powder or Crystals
Proton NMR spectrum	Conforms to structure