

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-03-11 14:14:43
Date of Next Testing: 2028-03-10 14:14:43
Product Name: **4-Methylumbelliferyl- β -D-xylopyranoside**
CAS Number: 6734-33-4
Specifications & Purity: 98%
Lot #: B2429425
SKU #: **M103907**
Analysis: **313555**
Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.58600 %
Water by Karl Fischer	0-0.5 (%)	0.33 %
Specific Rotation $[\alpha]_{20/D}(c=0.3 \text{ in Pyridine})$	-32--28 (°)	-30.33°
Appearance (M103907)	White to Off White Powder	White to Off White Powder
Solubility in Pyridine , Colorless to Faint Yellow Clear,50 mg/ml pass		Pass
NMR Spectrum 1H	Conforms to structure	Conforms to Structure



John Su
QA & QC Manager