

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing:	2024-03-11 14:13:06
Date of Next Testing:	2028-03-10 14:13:06
Product Name:	4-Methylumbelliferyl-β-D-xylopyranoside
CAS Number:	6734-33-4
Specifications & Purity:	98%
Lot #:	B2429424
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