

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2023-07-03 19:14:29  
 Date of Next Testing: 2027-07-02 19:14:29  
 Product Name: **4-Methylumbelliferyl- $\beta$ -D-xylopyranoside**  
 CAS Number: 6734-33-4  
 Specifications & Purity: 98%  
 Lot #: F2330015  
 SKU #: **M103907**  
**Analysis: 114358**  
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.96300%
Water by Karl Fischer	0-0.5 (%)	0.38%
Specific Rotation $[\alpha]_{20/D}(c=0.3 \text{ in Pyridine})$	-32--28 (°)	-28.12°
Appearance (M103907)	white to off white powder	White to Off White Powder
Infrared spectrum	Conforms to Structure	Conforms to Structure
Solubility in Pyridine , Colorless to Faint Yellow Clear,50 mg/ml	pass	Pass



John Su  
QA & QC Manager