

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-05-19 18:46:52

Date of Next Testing: 2029-05-18 18:46:52

Product Name: **4-Methylumbelliferyl- β -D-xylopyranoside**

CAS Number: 6734-33-4

Specifications & Purity: Moligand™, $\geq 98\%$

Lot #: E2512352

SKU #: **M103907**

Version: **1**

Analysis #: **484400**

Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.24700 %
Specific Rotation $[\alpha]_{20/D}(c=0.3 \text{ in Pyridine})$	-32--28 (°)	-28.96300 °
Water by Karl Fischer	0-0.5 (%)	0.05000 %
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