

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2024-12-06 10:31:02
 Date of Next Testing: 2028-12-05 10:31:02
 Product Name: **4-Methylumbelliferyl- β -D-xylopyranoside**
 CAS Number: 6734-33-4
 Specifications & Purity: Moligand™, $\geq 98\%$
 Lot #: L2403637
 SKU #: **M103907**
 Version: **1**
 Analysis #: **440242**
 Storage Temperature: Store at -20°C

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.57000 %
Specific Rotation $[\alpha]_{20/D}(c=0.3 \text{ in Pyridine})$	-32--28 (°)	-30.56200 °
Water by Karl Fischer	0-0.5 (%)	0.12500 %
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