

Certificate of Analysis

Date of Testing: 2022-08-15 11:30:42
 Date of Next Testing: 2026-08-14 11:30:42
 Product Name: **4-Methylumbelliferyl- β -D-xylopyranoside**
 CAS Number: 6734-33-4
 Specifications & Purity: 98%
 Lot #: H2209550
 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