

## Certificate of Analysis

Date of Testing: 2023-10-23 15:31:42  
Date of Next Testing: 2027-10-22 15:31:42  
Product Name: **4-Methylumbelliferone**  
CAS Number: 90-33-5  
Specifications & Purity: 98%  
Lot #: J2317059  
SKU #: **M106701**  
Version: **1**  
Analysis #: **063164**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.82800 %
Sulfate Ash	0-0.1 (%)	0.06 %
Melting point	186-191 (°C)	190.13000 °C
Appearance (M106701)	White to Yellow Powder	White to Yellow Powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager