

## Certificate of Analysis

Date of Testing: 2022-03-31 17:04:53  
Date of Next Testing: 2026-03-30 17:04:53  
Product Name: **4-Methylumbelliferone**  
CAS Number: 90-33-5  
Specifications & Purity: 98%  
Lot #: E1808148  
SKU #: **M106701**  
Analysis: **085942**

Parameter	Limit Values	Result
Purity(HPLC)	98-100 (%)	99.20000 %
Melting point	186-191 (°C)	187.90000 °C
Sulfate Ash	0-0.1 (%)	0.09 %
Appearance (M106701)	White to Yellow Powder	White to Yellow Powder
Proton NMR spectrum	Conforms to structure	Conforms to Structure



John Su  
QA & QC Manager