

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2025-09-16 16:54:19

Date of Next Testing: 2029-09-15 16:54:19

Product Name: **4-Methylumbelliferone(4-MU)**

CAS Number: 90-33-5

Specifications & Purity:  $\geq 98\%$

Lot #: I2511026

SKU # **M106701**

Version **1**

**Analysis #:** **473930**

Storage Temperature: Room temperature

| Parameter            | Limit Values           | Result                 |
|----------------------|------------------------|------------------------|
| Melting point        | 186-191 (°C)           | 189.73000 °C           |
| Sulfate Ash          | 0-0.1 (%)              | 0.03200 %              |
| Purity(HPLC)         | 98-100 (%)             | 98.07900 %             |
| Appearance (M106701) | White to Yellow Powder | White to Yellow Powder |
| Proton NMR spectrum  | Conforms to structure  | Conforms to Structure  |



John Su  
QA & QC Manager