

Certificate of Analysis

Date of Testing: 2023-04-21 11:22:05

Date of Next Testing: 2027-04-20 11:22:05

Product Name: **Coumarin 7**

CAS Number: 27425-55-4

Specifications & Purity: 98%

Lot #: D2314624

SKU #: **C121285**

Analysis: 204401

| Parameter | Limit Values | Result |
|--------------------------------|----------------------------|----------------------------|
| Purity(HPLC) | 98-100 (%) | 99.99100 % |
| Nitrogen by Elemental Analysis | 12.3-12.9 (%) | 12.61 % |
| Carbon by Elemental Analysis | 70.2-73.9 (%) | 71.75 % |
| Purity(NonaqueousTitration) | 97.5-102.5 (%) | 100.86 % |
| Appearance (C121285) | Yellow to dark gold powder | Yellow to dark gold powder |
| NMR (1H-NMR) | complies | complies |



John Su
QA & QC Manager