

Certificate of Analysis

Date of Testing: 2023-03-01 12:40:56

Date of Next Testing: 2027-02-28 12:40:56

Product Name: **7-Amino-4-methylcoumarin**

CAS Number: 26093-31-2

Specifications & Purity: $\geq 99\%$ (HPLC),laser grade

Lot #: B2325313

SKU #: **A109916**

Analysis: **193326**

Storage Temperature: Store at 2-8°C

Parameter	Limit Values	Result
Purity(HPLC)	99-100 (%)	99.83000 %
Appearance (A109916)	Pale yellow powder	Pale yellow powder
Fluorescence max	428 nm (in methanol)	428 nm (in methanol)
Infrared spectrum	Conforms to Structure	Conforms to Structure
Lambda max	352 nm (in methanol)	352 nm (in methanol)
Molar absorption coeff	17000 l/(mole.cm) (lambda max.)	17000 l/(mole.cm) (lambda max.)
Optimum lasing	441 nm (in methanol)	441 nm (in methanol)
Proton NMR spectrum	Conforms to Structure	Conforms to Structure
test for use as a laser dye	passes	passes



John Su
QA & QC Manager