

## CERTIFICATE OF ANALYSIS

PRODUCT NAME: 7-Amino-4-methylcoumarin, 99%(HPLC),laser grade

ITEM NUMBER: A109916  
BRAND: Aladdin  
CAS NUMBER: 26093-31-2  
MDL NUMBER: MFCD00006868  
FORMULA: C<sub>10</sub>H<sub>9</sub>NO<sub>2</sub>  
MOLECULAR WEIGHT: 175.18

TEST	SPECIFICATION		TARGET VALUE
	MIN.	MAX.	
Appearance	Pale yellow powder		
Fluorescence max	428 nm (in methanol)		
Infrared spectrum	Conforms to Structure		
Lambda max	352 nm (in methanol)		
Molar absorption coeff	17000 l/(mole.cm) (lambda max.)		
Optimum lasing	441 nm (in methanol)		
Purity(HPLC)	99 %	100 %	100 %
test for use as a laser dye	passes		