

Certificate of Analysis
(C of A)

Name:	CPM 7-Diethylamino-3-(4'-maleimidylphenyl)-4-methylcoumarin				
Catalog Number:	6009	Lot:	50053		
CAS Number:	76877-33-3	Formula:	C ₂₄ H ₂₂ N ₂ O ₄		
Molecular Weight:	402.44 (g/mol)				
Observed					
Standard					
HPLC Purity:	99% at 254 nm		≥ 95% at 254 nm		
Absorption (Methanol)					
Wavelength (λ _{max}):	385 nm		384 ± 3 nm		
Extinction:	32,800 cm ⁻¹ M ⁻¹		33,500 ± 2,300 cm ⁻¹ M ⁻¹		
TLC Purity:	> 99%		≥ 95%		
TLC System:	1:1 Hexane/ Ethyl acetate				
Storage:	Freeze: Store at -5 to -30°C (F), Protect from moisture (D), Protect from light (L)				
Production Lot:	14304	Release:	05-Jun-2014	Expiration:	05-Jun-2019
Structure:					

This data reflects the accuracy of the analysis of the subject lot
For research use only. Not for human use. No animal source.
This material is chemically synthesized and manufactured in the USA

Approved by: Dianna M Wineinger
Analytical Services Manager

Date: 05-Jun-2014

Signature:

Date: 01-Feb-2023