

Catalog Number F7103
Product Name fluorescein bis-(5-carboxymethoxy-2-nitrobenzyl) ether, dipotassium salt (CMNB-caged fluorescein)
Appearance orange solid
Lot Number 2286847

	LOT DATA	SPECIFICATION
Absorption¹ Maximum Extinction	330 nm 16400 cm ⁻¹ M ⁻¹	333 ± 3 nm 15000 ± 1500 cm ⁻¹ M ⁻¹
Fluorescence^{2,3,1} Background	7 ppm	≤ 3000 ppm
HPLC Purity	97 % at 334 nm	≥ 90 % at 334 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	2212606	n.a.

1. Solvent: DMSO

2. Ref: fluorescein, Ex @ 521 nm, Em @ 539 nm.

3. Method: Background vs. Reference



Rachel Smith, Quality Assurance Manager
 5-Jan-2021

Life Technologies Corporation, on behalf of its Invitrogen business, Molecular Probes® labeling and detection technologies, certifies on the date above that this is an accurate record of the analysis of the subject lot and that the data conform to the specifications in effect for this product at the time of analysis.