

Catalog Number C3737
Product Name Calcium Green™-5N, hexapotassium salt *cell impermeant*
Appearance orange solid
Lot Number 2282119

	LOT DATA	SPECIFICATION
Absorption ^{1,2}		
Maximum	507 nm	506 ± 3 nm
Extinction	85000 cm ⁻¹ M ⁻¹	82000 ± 8000 cm ⁻¹ M ⁻¹
Fluorescence ¹		
Emission Maximum	532 nm	532 ± 4 nm
Result	15X	Em intensity increase ≥ 8X
NMR		
Result	meets specification	consistent with structure
Miscellaneous Information		
Material Lot Number	2079241	n.a.

1. Method: Response to calcium

2. Solvent: Buffer 40 μM free calcium, 10 mM K₂CaEGTA, 100 mM KCl, 10 mM MOPS (pH 7.2)



Rachel Smith, Quality Assurance Manager
 30-Jun-2019

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.