

Catalog Number C3737
Product Name Calcium Green™-5N, hexapotassium salt *cell impermeant*
Appearance orange solid
Lot Number 2208526

	LOT DATA	SPECIFICATION
Absorption^{1,2} Maximum Extinction	507 nm 85000 cm ⁻¹ M ⁻¹	506 ± 3 nm 82000 ± 8000 cm ⁻¹ M ⁻¹
Fluorescence¹ Emission Maximum Result	532 nm 15X	532 ± 4 nm 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.