

**Catalog Number** C3737  
**Product Name** Calcium Green™-5N, hexapotassium salt \*cell impermeant\*  
**Appearance** orange solid  
**Lot Number** 2765743

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

1. Method: Response to calcium

2. Solvent: Buffer 40 µM free calcium, 10 mM K<sub>2</sub>CaEGTA, 100 mM KCl, 10 mM MOPS (pH 7.2)



Zach Luedtke, Quality Assurance Manager  
 30-Jun-2019

Life Technologies Corporation 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.