

Catalog Number R14207
Product Name rhod-5N, tripotassium salt *cell impermeant*
Molecular Formula $C_{39}H_{36}K_3N_5O_{13}$
Molecular Weight 900.03
Appearance orange solid
Lot Number 2069650

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	552 nm 77000 cm ⁻¹ M ⁻¹	551 ± 3 nm 75000 ± 5000 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	578 nm	578 ± 4 nm
HPLC Purity	89 % at 254 nm	≥ 85 % at 254 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	2009198	n.a.

1. Solvent: Buffer 4 mM free calcium, 100 mM KCl, 30 mM MOPS (pH 7.2). Method: Response to calcium.



Rachel Smith, Quality Assurance Manager
21-Aug-2018

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.