

Catalog Number L453
Product Name lucifer yellow CH, lithium salt
Appearance yellow solid
Lot Number 2241281

	LOT DATA	SPECIFICATION
Absorption¹		
Maximum	428 nm	428 ± 3 nm
Extinction	10700 cm ⁻¹ M ⁻¹	11500 ± 800 cm ⁻¹ M ⁻¹
Fluorescence¹		
Emission Maximum	538 nm	535 ± 4 nm
HPLC		
Purity	83 % at 254 nm	≥ 80 % at 254 nm
NMR		
Result	meets specification	consistent with structure
Miscellaneous Information		
Material Lot Number	1771108	n.a.

1. Solvent: H₂O



Rachel Smith, Quality Assurance Manager
 9-Feb-2016

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.