

Catalog Number F1221
Product Name fura-2, AM *cell permeant* *special packaging*
CAS Number / Name 108964-32-5 / 5-Oxazolecarboxylic acid, 2-(6-(bis(2-((acetyloxy)methoxy)-2-oxoethyl)amino)-5-(2-(bis(2-((acetyloxy)methoxy)-2-oxoethyl)amino)-5-methylphenoxy)ethoxy)-2-benzofuranyl)-, (acetyloxy)methyl ester
Molecular Formula C₄₄H₄₇N₃O₂₄
Molecular Weight 1001.86
Appearance yellow solid
Lot Number 2018229

	LOT DATA	SPECIFICATION
Absorption ¹ Maximum Extinction	371 nm 32500 cm ⁻¹ M ⁻¹	370 ± 3 nm 30000 ± 2500 cm ⁻¹ M ⁻¹
Fluorescence ¹ Emission Maximum	478 nm	475 ± 4 nm
HPLC Purity	99 % at 254 nm	≥ 95 % at 254 nm
NMR Result	meets specification	consistent with structure
Miscellaneous Information Material Lot Number	1889047	N/A

1. Solvent: Ethyl acetate.



Rachel Smith, Quality Assurance Manager

31-Jul-2017

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.