

Certificate of Analysis



Product Identification		Chemical Structure
Catalog number	HB0780	
Compound name	Fura-2 AM	
Chemical name	1-[2-(5-Carboxyoxazol-2-yl)-6-aminobenzofuran-5-oxyl]-2-(2'-amino-5'-methyl-phenoxy)ethane-N,N,N',N'-tetraacetic acid, pentaacetoxymethyl ester	
Batch number	E2068-1-1	
Batch molecular formula	C ₄₄ H ₄₇ N ₃ O ₂₄	
Batch molecular weight	1001.86	
Method	QC requirement	QC Result
HPLC	Reverse Phase HPLC shows >95% purity	Meets specification: 99.1%
NMR	1H NMR consistent with structure	Meets specification
Physical appearance	Yellow solid	Meets specification: yellow solid
Solubility	Soluble in DMSO	Meets specification

Produced by

Signature

Passed by

Signature

Date

10/08/2022

This product is for RESEARCH USE ONLY and is not intended for therapeutic or diagnostic use. Not for human or veterinary use.