

CERTIFICATE OF ANALYSIS

Product No.

F1L208N

Lot No.

IL13A-AR

CHROMIS 770 A - NHS ester

Comments: Water soluble amine-reactive heptamethine cyanine. NIR fluorochrome used as fluorescent tag. Forms stable amide bond with primary amines at pH 7-9.

CAS No:**Mol. Formula:** C₄₉H₅₃N₄NaO₁₂S₂**Mol. Weight:** 977.08**λ_{abs} (nm):** 772**λ_{em} (nm):** 803**ε (M⁻¹cm⁻¹):** 270000**Assay:** ≥95%**Storage:** -20 °C, Keep under argon, Photosensitive**Expiry Date:** Recommended retest 10/2019

TEST	SPECIFICATIONS	LOT RESULT
Appearance (Colour/Form):	Green solid	Green Solid
¹H-NMR:	Conforms to structure	Conforms,
HPLC:	Min. 95%	>95%

Document Release Date: 17/10/2017**Document Revision:** 00**Approved:**


Quality Control Technician

Reviewed:


Production Manager

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