

CERTIFICATE OF ANALYSIS

Product No.

F1L208N

Lot No.

FR4/344

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 02/2016

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

Quality Release Date: 25/02/2015

Quality Retest Date: --/--/----

Approved:


Quality Control Technician

Reviewed:


Production Manager

Cyanagen warrants that its products conform to the information contained in this and other Cyanagen publications. Purchaser must determine the suitability of the product for its particular use. The values given on the 'Certificate of Analysis' are the results determined at the time of analysis.