

## CERTIFICATE OF ANALYSIS

**Product No.**

**F1L230N**

**Lot No.**

**FR4/334**

### CHROMIS 830 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:** C<sub>57</sub>H<sub>57</sub>N<sub>4</sub>NaO<sub>11</sub>S<sub>3</sub>

**Mol. Weight:** 1093.27

**λ<sub>abs</sub> (nm):** 832

**λ<sub>em</sub> (nm):** 854

**ε (M<sup>-1</sup>cm<sup>-1</sup>):** 200000

**Assay:** Min. 95%

**Storage:** -20°C under Argon. Photosensitive

**Expiry Date:** No expiry if stored correctly. Recommended retest one year upon opening.

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

**Quality Release Date:** 24/04/2014

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

**Approved:** 

**Quality Control Technician**

**Reviewed:** 

**Dr. T. P. Jansen**  
**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.

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C.F./P.IVA: 02360111203 iscritta nel Registro Imprese di Bologna n. REA: 433637

Capitale sociale sottoscritto e versato € 10.000,00.

"Società soggetta a direzione e coordinamento da parte di Finance & Technology Srl - art. 2497 bis cc".

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