

CERTIFICATE OF ANALYSIS

Product No.

F2H214Z

Lot No.

GB18A-RP

CHROMIS 645 A-Azide

Disulfonate pentamethine cyanine with an azido functional group.
Water soluble.

Comments:

Reacts under very mild condition toward terminal alkynes in the presence of CuI forming a 1,2,3-triazole type connection.

CAS No:

Mol. Formula: C₃₀H₃₄N₅KO₆S₂

Mol. Weight: 663.85

λ_{abs} (nm): 643

λ_{em} (nm): 662

ε (M⁻¹cm⁻¹): 250000

Assay: Min. 95%

Storage: -20°C under Argon. Photosensitive

Expiry Date: No Expiry if correctly stored. Recommended retest 02/2017

TEST	SPECIFICATIONS	LOT RESULT
Appearance (Colour/Form):	Blue solid	Blue solid
¹ H-NMR:	Conforms to structure	Conforms
HPLC (Area %):	Min. 95%	>99%

Quality Release Date: 20/02/2015

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.