

Certificate of Analysis

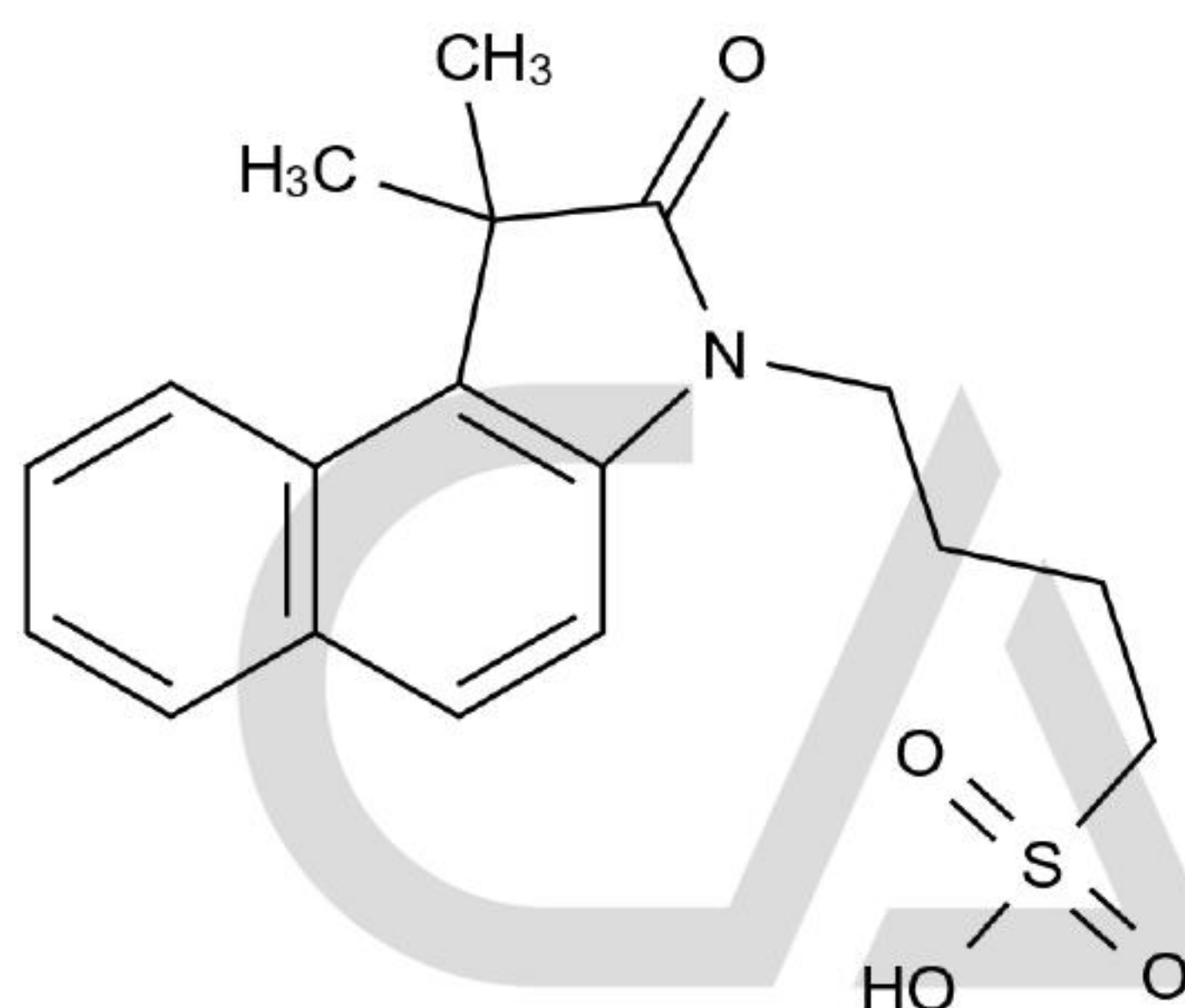
Reference Material & Standard

Product Name:	Indocyanine Green Impurity 28	Catalogue Number:	C4X-250328
Synonyms:	N/A	Lot Number:	1015-RF-0033
CAS Number:	906772-02-9	Expiry Date:	Oct 28, 2027
Molecular Formula:	C ₁₈ H ₂₁ NO ₄ S	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	347.43		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Reddish-Brown Solid
Identification	LCMS&IR&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.281%
Loss On Drying	TGA	1.7658%
Assay		97.5%

Comment:

The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

Koi

Approved by General Manager:

David

Date: Sep 12, 2025

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Page 1 of 9



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