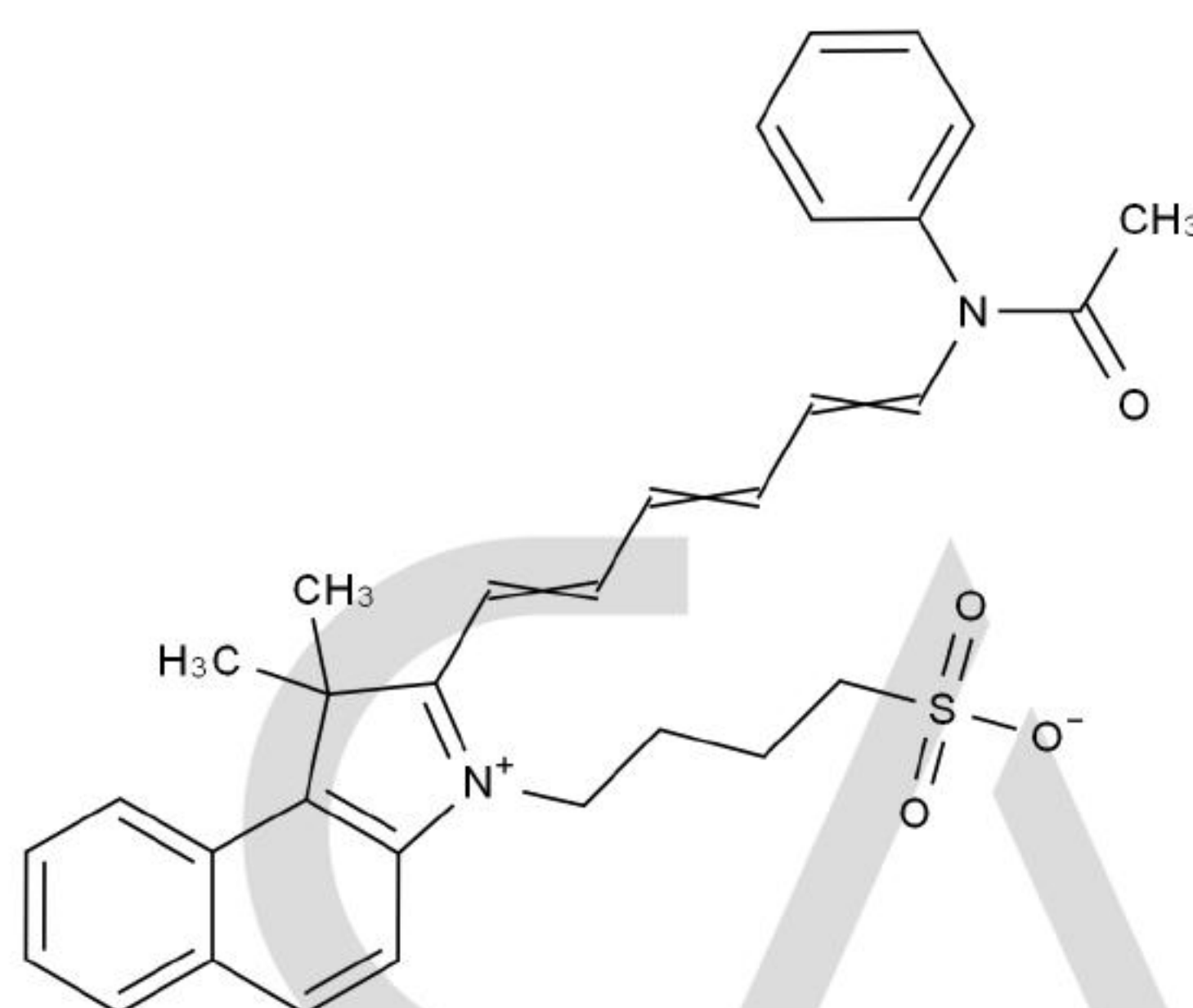


Certificate of Analysis

Reference Material & Standard

Product Name:	Indocyanine Green Impurity 8	Catalogue Number:	C4X-25038
Synonyms:	N/A	Lot Number:	0712-RH-0025
CAS Number:	63450-66-8	Expiry Date:	Jul 13, 2030
Molecular Formula:	C ₃₂ H ₃₄ N ₂ O ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	542.69	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Black Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	96.112%
Loss on Drying	TGA	0.2779%
Assay		95.8%

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:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jul 14, 2026

Date: Jul 14, 2026

Date: Jul 14, 2026



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