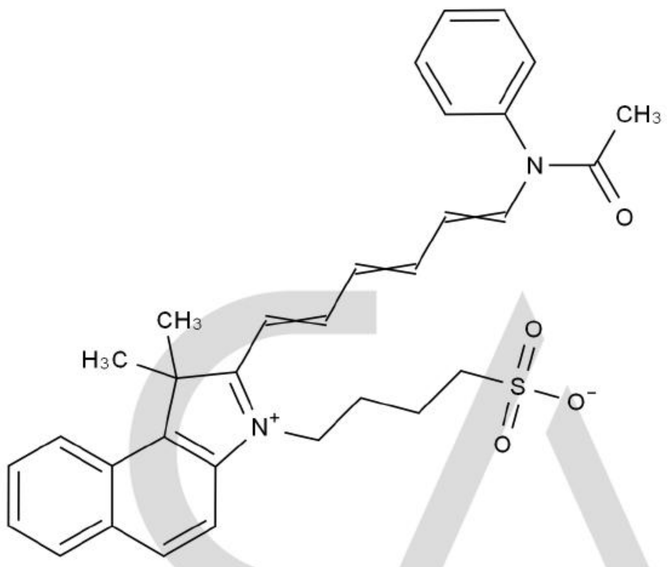
Certificate of Analysis

Reference Material & Standard

Product Name:	Indocyanine Green Impurity 8	**Catalogue Number:**	C4X-25038
Synonyms:	N/A	**Lot Number:**	0922-RH-0126
CAS Number:	63450-66-8	**Expiry Date:**	Sep 29, 2030
Molecular Formula:	$C_{32}H_{34}N_2O_4S$	**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	98.428%
Loss on Drying	TGA	3.7269%
Assay	Mass Balance	94.8%

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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: Alice Date: Sep 30, 2026

Reviewed by: Koi Date: Sep 30, 2026

Approved by General Manager: David Date: Sep 30, 2026

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