



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214282
Lot Number: SAMPLE
Product Name: 4,4'-Diisothiocyanatostilbene-2,2'-disulfonic acid disodium salt
CAS Number: 207233-90-7
Molecular Formula: $C_{16}H_8N_2Na_2O_6S_4 \cdot xH_2O$
Molecular Weight: 498.48 (anhydrous basis)

Test	Specification	Result
Appearance	Yellow to yellow brown or yellow-green powder	Yellow-brown powder
Identification (1H-NMR)	Consistent with structure	Complies
Purity	$\geq 80\%$ (anhydrous) Based on Sulfur content	100%
Solubility	Yellow to green and very slightly hazy to hazy solution at 50 mg/mL, 0.1 M Potassium Bicarbonate, pH 8.0	Dark yellow and hazy solution
Sulfur	$\geq 20\%$ (anhydrous, by ICP)	25.9%
Water Content	$\leq 23.3\%$	20.5%

Satisfaction Guarantee: We appreciate your business and are committed to providing the highest level of quality and service. Any product that does not meet the performance standards indicated in our product literature will be replaced at no charge. Our policy is valid for one year from the date of your purchase.

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