



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-255678A
Lot Number: SAMPLE
Product Name: trans-4,5-Dihydroxy-1,2-dithiane
CAS Number: 14193-38-5
Molecular Formula: $C_4H_8O_2S_2$
Molecular Weight: 152.24

Test	Specification	Result
Appearance	White to off white powder	White powder
Identification (1H-NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 99\%$	100%
Solubility	Clear and colorless solution at 50 mg/ml in EtOH	Complies
Extinction Coefficient	EM: 265 - 275 in H ₂ O	270
Wavelength	283 - 284 nm	284 nm
Iron (ICP)		< 5 ppm

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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