



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-215974
Lot Number: SAMPLE
Product Name: Thionin perchlorate
CAS Number: 25137-58-0
Molecular Formula: $C_{12}H_{10}ClN_3O_4S$
Molecular Weight: 327.74

Test	Specification	Result
Appearance		Green-black solid
Identification (NMR)	Consistent with structure	Complies
Purity (TLC)	> 90%	> 95%
Absorption Excitation	600 $\pm$ 3 nm	601 nm
Extinction Coefficient	88000 $\pm$ 7000 $cm^{-1} M^{-1}$	91600 $cm^{-1} M^{-1}$

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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