



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214292  
Lot Number: SAMPLE  
Product Name: 4'-Aminomethyltrioxsalen hydrochloride  
CAS Number: 62442-61-9  
Molecular Formula:  $C_{15}H_{15}NO_3 \cdot HCl$   
Molecular Weight: 293.75

Test	Specification	Result
Appearance	Off-white to yellow powder	White powder with a yellow cast
Identification ( $^1H$ -NMR)	Consistent with structure	Complies
Purity (TLC)	$\geq 98\%$	99.0%
Solubility	Colorless to faint yellow solution at 2 mg/ml in dimethyl sulfoxide	Clear faint yellow
Solvent Content	$\leq 2\%$ (NMR spectrum)	0.0% (NMR spectrum)
Carbon Content	60.8 - 61.8% (Anhydrous basis)	61.8% (Anhydrous basis)
Nitrogen Content	4.3 - 5.3% (Anhydrous basis)	4.83% (Anhydrous basis)
Water Content (KF)		0.1%

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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