



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-206232A  
Lot Number: SAMPLE  
Product Name: 1,2,3,3-Tetramethyl-3H-indolium iodide  
CAS Number: 5418-63-3  
Molecular Formula:  $C_{12}H_{16}IN$   
Molecular Weight: 301.17

Test	Specification	Result
Appearance	Pink to red crystals, powder, crystalline powder	Light red crystals
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Silver Nitrate Titration)	97.5 - 102.5%	98.1%
Purity (TLC)	$\geq 98\%$	$> 98\%$
Solubility	Clear pink solution at 25 mg/ml in methanol	Complies

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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