



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-304188  
Lot Number: SAMPLE  
Product Name: 1H-Imidazole-4-sulfonyl chloride  
CAS Number: 58767-51-4  
Molecular Formula:  $C_3H_3ClN_2O_2S$   
Molecular Weight: 166.59

Test	Specification	Result
Appearance (Color)	White to brown	Off-white
Appearance (Form)	Powder or solid or crystals or crystalline chunk(s) or chunk(s)	Powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 94.0\%$	99.8%
Carbon Content	20.3 - 22.9%	21.6%
Nitrogen Content	15.8 - 17.8%	16.6%
Sulfur Content	18.1 - 20.4%	19.1%

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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