



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-234364  
Lot Number: SAMPLE  
Product Name: Cinnamoyl chloride  
CAS Number: 102-92-1  
Molecular Formula:  $C_9H_7ClO$   
Molecular Weight: 166.60

Test	Specification	Result
Appearance (Color)	Light yellow to yellow and light orange to orange and light brown	Light orange brown
Appearance (Form)	Powder or solid or crystals	Solid
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Argentometric Titration)	97.5 - 102.5%	100.4%
Purity (GC)	$\geq 97.5\%$	99.4%
Solubility	Clear colorless to light yellow and colorless to light brown at 50 mg/ml in $CH_2Cl_2$	Clear yellow-brown at 50 mg/ml in $CH_2Cl_2$

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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