



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-215143  
Lot Number: SAMPLE  
Product Name: Heptanoyl chloride  
CAS Number: 2528-61-2  
Molecular Formula:  $C_7H_{13}ClO$   
Molecular Weight: 148.63

Test	Specification	Result
Appearance	Clear colorless to pale yellow liquid	Clear colorless liquid
Identification ( $^1H$ -NMR)	Consistent with structure	Complies
Purity ( $^1H$ -NMR)	> 98.5%	Complies
Purity (GC)	> 98.5%	99.9%
Solution (Clarity)	Forms a clear colorless to pale yellow solution in $CDCl_3$ , no particulates	Forms a clear colorless solution in $CDCl_3$ , no particulates
Refractive Index	$1.43 \pm 0.02$	1.4310

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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