



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-226619  
Lot Number: SAMPLE  
Product Name: 4-Dodecylbenzenesulfonic acid  
CAS Number: 121-65-3  
Molecular Formula:  $C_{18}H_{30}O_3S$   
Molecular Weight: 326.49

Test	Specification	Result
Appearance (Color)	Brown to very dark brown	Dark brown
Appearance (Form)	Liquid or viscous liquid	Viscous liquid
Identification ( $^1H$ -NMR)	Consistent with structure	Complies
Identification ( $^{13}C$ -NMR)	Consistent with structure	Complies
Purity (Sodium Hydroxide Titration)	$\geq 95.0\%$ (mixture of isomers)	96.3%
Impurity	$H_2SO_4: \leq 2.0\%$	$H_2SO_4: 1.06\%$ free fatty matter: 1.78%

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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