



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-253571  
Lot Number: SAMPLE  
Product Name: Sodium 1-nonanesulfonate  
CAS Number: 35192-74-6  
Molecular Formula:  $C_9H_{19}NaO_3S$   
Molecular Weight: 230.30

Test	Specification	Result
Appearance (Color)	Colorless or white	White
Appearance (Form)	Powder to flakes	Flakes
Cyclic Voltammetry	Corresponds to standard CV	Complies
Identification (NMR)	Corresponds to standard	
Identification (HPLC)	Corresponds to standard	Complies
UV/Visible Spectrum	210 nm <0.05 220 nm <0.03 230 nm <0.02 260 nm <0.02 500 nm <0.02	210 nm: 0.025 220 nm: 0.014 230 nm: 0.012 260 nm: 0.005 500 nm: <0.005
Filter Test	No residue (5% in water)	Complies
Titration	(Ion Exchange): $\geq 99.0\%$	99.2%
Water Content	$\leq 1.0\%$	0.98%

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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