



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-253572
Lot Number: SAMPLE
Product Name: Sodium 1-pentanesulfonate monohydrate
CAS Number: 207605-40-1
Molecular Formula: $C_5H_{13}NaO_4S$
Molecular Weight: 192.21

Test	Specification	Result
Appearance	Colorless or white powder or crystals or flakes	Colorless flakes
Cyclic Voltammetry	Corresponds to standard CV	Complies
Residue	No residue	Complies
UV/Visible Spectrum	210NM: <0.1 220NM: <0.06 230NM: <0.04 260NM: <0.02 500NM: <0.02	210NM: 0.074 220NM: 0.039 230NM: 0.017 260NM: 0.006 500NM: <0.005
Titration	$\geq 99.0\%$ (Ion exchange)	99.8%
Carbon Content	31.25%	31.10%
Hydrogen Content	6.82%	6.83%
Suitability	RP gradient test corresponds to standard	Complies

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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