



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-258174
Lot Number: SAMPLE
Product Name: Sodium pentanesulfonate
CAS Number: 22767-49-3
Molecular Formula: $C_5H_{11}O_3SNa$
Molecular Weight: 174.19

Test	Specification	Result
Appearance	White powder	Complies
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Silver Nitrate Titration)	Bromide: $\leq 1\%$	$< 1\%$
Solubility	Clear colorless solution at 50 mg/ml in water	Complies
Carbon	32.8 - 36.2 %	33.9 %
Sodium	12.5 - 13.9 % (w/v)	13.5 % (w/v)
Water Content (KF)	$\leq 2.0\%$	0.4%

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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