



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215889
Lot Number: SAMPLE
Product Name: Sodium thiosulfate pentahydrate
CAS Number: 10102-17-7
Molecular Formula: $\text{Na}_2\text{S}_2\text{O}_3 \cdot 5\text{H}_2\text{O}$
Molecular Weight: 248.18

Test	Result
Appearance	White crystals
Identification	Complies
Purity (Titration)	100.39%
Melting Point	~ 48 °C
pH	6.46 (5% at 25 °C)
Solubility	Very soluble in water and practically insoluble in alcohol 96%
Insoluble Matter	0.003%
Nitrogen Compounds	< 0.002%
Sulfur Compounds	Sulfate and Sulfite (as SO_4): < 0.1% Sulfide (S): Passes test

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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