



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-229321
Lot Number: SAMPLE
Product Name: Sodium thiophosphate tribasic
CAS Number: 10489-48-2
Molecular Formula: $\text{Na}_3\text{PO}_3\text{S}$
Molecular Weight: 180.01

Test	Specification	Result
Appearance	White powder	Complies
Identification (31P-NMR)	Consistent with structure	Complies
Purity (Titration)	$\geq 90\%$ with HCl	100%
Solubility	Clear colorless to green-yellow at 50 mg/ml in water	Clear and colorless
Loss on Drying	$\leq 57\%$	36%
Phosphorus (ICP)	14.9 - 19.6% (anhydrous)	16.6%
Sodium (ICP)	32.4 - 44.5% (anhydrous)	38.5%
Sulfur	15.5 - 20.3% (anhydrous)	17.7%

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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