



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-253801
Lot Number: SAMPLE
Product Name: Trisodium trimetaphosphate
CAS Number: 7785-84-4
Molecular Formula: $P_3O_9 \cdot 3Na$
Molecular Weight: 305.89

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Identification (Infrared Spectrum)	Conforms to structure	Complies
Purity (TLC)	$\geq 95\%$	98%
Solution (Color)	Colorless to Faint Yellow	Colorless
Solution (Turbidity)	Clear to Very Hazy	Slightly Hazy in 100 mg/mL Water
Phosphorus	28.7-32.1%	30.1%
Sodium	21.3-23.8%	21.9%
Water Content (KF)	$\leq 0.5\%$	0.1%

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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