



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-281191
Lot Number: SAMPLE
Product Name: ZWITTERGENT 3-10 Detergent
CAS Number: 15163-36-7
Molecular Formula: $C_{15}H_{33}NO_3S$
Molecular Weight: 307.49

Test	Specification	Result
Appearance (Color)	White	White
Appearance (Form)	Powder	Powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (TLC)	$\geq 98\%$	100%
Conductivity	$\leq 20 \mu\text{ohm/cm}$	4 $\mu\text{ohm/cm}$
Solution (Color)	Colorless at 100 mg/ml in H ₂ O	Colorless at 100 mg/ml in H ₂ O
Solution (Turbidity)	Clear at 100 mg/ml in H ₂ O	Clear at 100 mg/ml in H ₂ O
Carbon Content	57.4 - 59.8%	58.4%
Nitrogen Content	4.3 - 4.7%	4.5%

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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