



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-253743  
Lot Number: SAMPLE  
Product Name: Tridodecylmethylammonium nitrate  
CAS Number: 13533-59-0  
Molecular Formula:  $C_{37}H_{78}N_2O_3$   
Molecular Weight: 599.03

Test	Specification	Result
Appearance	Colorless or white powder	White powder
Purity (Nonaqueous Titration)	99.0 - 101.0 % (0.1M HClO <sub>4</sub> )	99.8%
Filter Test	No residue (1g in 10ml CHCl <sub>3</sub> )	Complies
Carbon Content	74.19%	74.12%
Chloride	≤ 500 mg/kg	< 500 mg/kg
Hydrogen Content	13.12%	13.4%
Nitrogen Content	4.68%	4.69%

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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