



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-471916
Lot Number: SAMPLE
Product Name: Tetrapropylammonium bisulfate
CAS Number: 56211-70-2
Molecular Formula: $C_{12}H_{29}NO_4S$
Molecular Weight: 283.43

Test	Specification	Result
Appearance	Colorless or white powder or crystals	White crystals
Cyclic Voltammetry	Corresponds to standard CV	Complies
Identification (1H-NMR)	Consistent with structure	Complies
Purity (Sodium Hydroxide Titration)	$\geq 99.0\%$ (0.1M)	99.1%
Melting Point	158 - 160 °C	159 °C
Residue	No residue(Filter test)	Complies
Absorbance	0.000 - 0.050	0.033
UV Absorption		210 nm: 0.033 220 nm: 0.013 230 nm: 0.013 260 nm: 0.018 500 nm: < 0.005
Suitability	RP-Gradient test corresponds to standard (HPLC)	Complies

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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