



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-253656
Lot Number: SAMPLE
Product Name: Tetrabutylammonium succinimide
CAS Number: 74830-30-1
Molecular Formula: $C_{20}H_{40}N_2O_2$
Molecular Weight: 340.54

Test	Specification	Result
Appearance	White to faintly yellow powder to fine crystals with lumps	Faintly yellow powder with Lumps
Identification (1H -NMR)	Consistent with structure	Complies
Purity (Titration)	$\geq 97.0\%$	98.3%
Melting Point	65 - 85 °C	77 °C
Carbon Content	70.54%	68.19%
Hydrogen Content	11.84%	11.91%
Nitrogen Content	8.23%	7.99%

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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