



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-301937
Lot Number: SAMPLE
Product Name: Trihexyltetradecylphosphonium bis(2,4,4-trimethylpentyl)phosphinate
CAS Number: 465527-59-7
Molecular Formula: $C_{48}H_{102}O_2P_2$
Molecular Weight: 773.27

Test	Specification	Result
Appearance	Light yellow to very dark yellow and light brown-yellow to very dark brown-yellow and light brown to very dark brown liquid or viscous liquid	Light brown-yellow viscous liquid
Identification (1H-NMR)	Consistent with structure	Complies
Identification (31P-NMR)	Consistent with structure	Complies
Carbon Content	66.73 - 82.39%	72.55%
Hydrogen Content	11.90 - 14.70%	12.99%
Water Content	$\leq 1.0\%$	0.9%

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.

Santa Cruz Biotechnology, Inc. 800.457.3801 831.457.3800 fax 831.457.3801 Europe +00800 4573 8000 49 62221 4503 0 www.scbt.com