



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-264971
Lot Number: SAMPLE
Product Name: (1-Tetradecyl)triphenylphosphonium bromide
CAS Number: 25791-20-2
Molecular Formula: $C_{32}H_{44}BrP$
Molecular Weight: 539.57

Test	Specification	Result
Appearance		White powder
1H -NMR	0.77 ppm (t, 3H, CH_3) 1.14 ppm (m, 20H, CH_2) 1.53 ppm (m, 4H, CH_2) 3.63 ppm (m, 2H, CH_2-P) 7.60 - 7.78 ppm (m, 15H, arom.)	Complies
^{31}P -NMR	Single peak at 24.73 ppm	Complies
Purity (NMR)		> 98%
Purity (TLC)		> 98%
Melting Point		98 °C

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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