



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-250661
Lot Number: SAMPLE
Product Name: Pentacosane
CAS Number: 629-99-2
Molecular Formula: $C_{25}H_{52}$
Molecular Weight: 352.68

Test	Specification	Result
Appearance		White solid
Purity (GC)	Normal pentacosane: > 99% Branched pentacosane: < 0.2% Carbon #'s less than C-25: < 0.7% Carbon #'s greater than C-25: < 0.7%	99.09% < 0.1% 0.61% 0.30%
Boiling Point		259 °C at 15 mmHg
Melting Point		53 °C
Specific Gravity		0.7785 (at 60 °C)
Refractive Index		1.4380 (at 60 °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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