



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-239801
Lot Number: SAMPLE
Product Name: Diphenyl sulfone
CAS Number: 127-63-9
Molecular Formula: $C_{12}H_{10}O_2S$
Molecular Weight: 218.27

Test	Specification	Result
Appearance	White crystal powder	White crystal powder
Purity	$\geq 99\%$	99.82%
Melting Point	$\geq 127.3^{\circ}C$	127.6 - 128.2 $^{\circ}C$
Color (APHA)	≤ 25 APHA	15 APHA
Melt Color	≤ 100 APAH	70 APAH
Free Acid/Alkali	≤ 0.0012 meq	0.0009 meq
Volatile Matter	$\leq 0.10\%$	0.04%
Ash	$\leq 0.05\%$	0.03%
Iron	≤ 5 ppm	3 ppm
Other Sulfones	$\leq 0.10\%$	0.03%
Water Content	$\leq 1.0\%$	0.13%

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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