



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-253243
Lot Number: SAMPLE
Product Name: Pentachlorophenol sodium salt
CAS Number: 131-52-2
Molecular Formula: C_6Cl_5NaO
Molecular Weight: 288.32
Native Source: Synthetic

Test	Specification	Result
Appearance	Off-white to pale purple solid	Complies
Identification (NMR)	Consistent with structure	Complies
Identification (^{13}C -NMR)	Consistent with structure	Complies
Purity (HPLC)	> 95%	98.05% (220 nm)
Purity (TLC)		95%
Melting Point		> 200 °C (dec.)
Carbon Content	24.99%	23.45%
Sodium Content		7.45% by Ion Chromatography
Water Content (KF)		0.4%

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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