



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-230812
Lot Number: SAMPLE
Product Name: 2,3-Dichloro-N-phenylmaleimide
CAS Number: 3876-05-9
Molecular Formula: $C_{10}H_5Cl_2NO_2$
Molecular Weight: 242.06

Test	Specification	Result
Appearance	White to yellow solid, powder or crystals	Light yellow powder
Identification (1H -NMR)		Consistent with structure
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (Titration)	$\geq 90.0\%$ (with $AgNO_3$ after oxygen combustion)	97.7%
Melting Point		198.4 - 204.5 °C
Solubility		Clear light yellow solution at 25 mg/ml in $CHCl_3$

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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