



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-257998
Lot Number: SAMPLE
Product Name: Phenacetin
CAS Number: 62-44-2
Molecular Formula: $C_{10}H_{13}NO_2$
Molecular Weight: 179.22

Test	Specification	Result
Appearance (Color)	White	Complies
Appearance (Form)	Powder to powder with lumps	Powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 98.0\%$	99.8%
Melting Point	133 - 136 °C	135.4 °C
Residue on Ignition	$\leq 0.10\%$	0.06%
Solution (Color)	Colorless at 50 mg/ml in ethanol (hot)	Complies
Solution (Turbidity)	Clear to faintly turbid at 50 mg/ml in ethanol (hot)	Clear (< 3.5 NTU) at 50 mg/ml in ethanol (hot)

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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