



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-204658
Lot Number: SAMPLE
Product Name: Busulfan
CAS Number: 55-98-1
Molecular Formula: $C_6H_{14}O_6S_2$
Molecular Weight: 246.3

Test	Specification	Result
Appearance	White to off-white crystalline powder	White crystalline powder
Identification (Infrared Spectrum)	Consistent with standard	Complies
Purity	98.0 - 100.0%	99.5%
Melting Point	115 - 118 °C	117 °C
Residual Solvents	Consistent with Q3C and Q3C(M) ICH	Complies
Residue on Ignition	≤ 0.1%	0.02%
Solubility	Soluble in acetone, 100% ethanol or DMSO; Insoluble in water	Complies
Loss on Drying	≤ 2.0%	0.35%

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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