



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-506221
Lot Number: SAMPLE
Product Name: Thioproperazine Dimesilate
CAS Number: 2347-80-0
Molecular Formula: $C_{22}H_{30}N_4O_2S_2 \cdot 2CH_4O_3S$
Molecular Weight: 638.84

Test	Result
Appearance	White solid
Assay (qNMR)	98.54%; U = 0.45%
Identification (1H-NMR)	Consistent with structure
Identification (Infrared Spectrum)	Consistent with structure
Identification (Mass Spectrometry)	Consistent with structure
Purity (HPLC)	98.44%
Melting Point	228 °C
Residual Solvents	No significant amounts of residual solvents were detected (< 0.05%) (by 1H-NMR)
Water Content (KF)	0.52%; SD = 0.01%

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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