



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-212585  
Lot Number: SAMPLE  
Product Name: Promazine Hydrochloride  
CAS Number: 53-60-1  
Molecular Formula:  $C_{17}H_{20}N_2S \cdot HCl$   
Molecular Weight: 320.88

Test	Specification	Result
Appearance	White to off-white powder or crystals	White powder
Identification ( $^1H$ -NMR)	Consistent with structure	Complies
Purity (Nonaqueous Titration)	$\geq 98\%$ (HClO <sub>4</sub> 0.1M)	100.7%
Purity (TLC)	$\geq 98\%$	99.1%
Solution (Color)	Colorless to faint yellow at 50 mg/ml in water	Almost colorless at 50 mg/ml in water
Solution (Turbidity)	Clear (< 3.5 NTU) at 50 mg/ml in water	Complies

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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