



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202537
Lot Number: SAMPLE
Product Name: Chlorpromazine, Hydrochloride
CAS Number: 69-09-0
Molecular Formula: $C_{17}H_{19}ClN_2S \cdot HCl$
Molecular Weight: 355.3

Test	Specification	Result
Appearance	White or almost white crystalline powder	Complies
Assay	99.0%~101.0%	100.4%
Identification	A、E=890~960(λ =250nm)	895
Identification	B、IR.Test	Complies
Identification	C、TLC identification test	Complies
Identification	D、Chlorides test	Positive Reaction
Melting Point	About 160°C	194.5~196.0°C
Solubility	Very soluble in water	Complies
Acidity or Alkalinity	3.5~4.5	4.0
Heavy Metals	≤10ppm	Complies
Loss on Drying	≤0.5%	0.26%
Related Substances	≤0.5%	Complies
Sulfated Ash	≤0.1%	0.04%

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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