



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-208444  
Lot Number: SAMPLE  
Product Name: Tolperisone Hydrochloride  
CAS Number: 3644-61-9  
Molecular Formula:  $C_{16}H_{24}ClNO$   
Molecular Weight: 281.82

Test	Specification	Result
Appearance	White crystalline powder	Complies
Assay	≥99%	99.67%
Identification	Positive reaction	Complies
Clarity	Conforms	Complies
Melting Point	167 °C - 174 °C	167.3 °C
Residue on ignition	≤0.1%	0.06%
Extinction Coefficient	555-585	562
Acid Value	pH 4.5 - 5.5	pH 5.1
Heavy Metals	≤20 ppm	Complies
Loss on Drying	≤0.5%	0.16%
Piperidine hydrochloride	≤0.1%	Complies
Sulfate	≤0.005%	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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