



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-258111  
Lot Number: SAMPLE  
Product Name: (S)-(-)-Sulpiride  
CAS Number: 23672-07-3  
Molecular Formula:  $C_{15}H_{23}N_3O_4S$   
Molecular Weight: 341.43

Test	Specification	Result
Appearance	White or almost white crystalline powder	Complies
Assay	$\geq 99\%$	99.92%
Melting Point	184 - 189°C	186.1 - 187.4°C
pH	8.0 - 10.0	9.18
Residue on Ignition	$\leq 0.1\%$	0.02%
Specific Rotation	-65 to 70°	-68.81°
Heavy Metals	$\leq 10\text{ppm}$	$< 10\text{ppm}$
Loss on Drying	$\leq 0.5\%$	0.04%
Related Substances (TLC)	$\leq 1.0\%$	$< 1.0\%$
Arsenic	$\leq 2\text{ppm}$	$< 2\text{ppm}$
Chloride	$\leq 100\text{ppm}$	$< 100\text{ppm}$
Iron	$\leq 10\text{ppm}$	$< 10\text{ppm}$

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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