



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-478818  
Lot Number: SAMPLE  
Product Name: (S)-Omeprazole Sodium Salt  
CAS Number: 161796-78-7  
Molecular Formula:  $C_{17}H_{18}N_3NaO_3S$   
Molecular Weight: 367.40  
Native Source: Synthetic

Test	Result
Appearance	Pale Beige Solid
Identification (1H-NMR)	Complies
Identification (Mass Spectrometry)	Complies
Purity (TLC)	95%
Elemental Analysis	%C: 50.12 %H: 4.91 %N: 9.99
Melting Point	> 151 °C
Solubility	DMSO (Slightly), Methanol (Slightly)
Specific Rotation	+38.7° (c = 0.1, Water)
Sodium	6.08% (by Ion Chromatography)
Water Content (KF)	6.8%

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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