



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-478677  
Lot Number: SAMPLE  
Product Name: Noradrenalone hydrochloride  
CAS Number: 5090-29-9  
Molecular Formula:  $C_8H_9NO_3 \cdot HCl$   
Molecular Weight: 203.62

Test	Specification	Result
Appearance		Dark Yellow Solid
Identification (1H-NMR)	Conforms to structure	Complies
Identification (Mass Spectrometry)	Conforms to structure	Complies
Purity		96 %
Atmosphere		Inert Gas
Elemental Analysis	Calculated: %C: 47.09, %H: 4.95, %N: 6.88	Found: %C: 47.38, %H: 5.14, %N: 7.73
Melting Point		> 163 °C
Solubility		DMSO (Very slightly, heated)
Chloride		16.4 %
Ethanol		2 %

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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