



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-238830
Lot Number: SAMPLE
Product Name: 4-Deoxypyridoxine hydrochloride
CAS Number: 148-51-6
Molecular Formula: $C_8H_{11}NO_2 \cdot HCl$
Molecular Weight: 189.64
Native Source: Synthetic

Test	Result
Appearance	Off-White to Pale Beige Solid
Identification (1H-NMR)	Conforms to structure
Identification (Mass Spectrometry)	Conforms to structure
Purity (TLC)	98%
Elemental Analysis	%C: 50.70 %H: 6.31 %N: 7.36
Melting Point	> 245 °C
Solubility	DMSO (Slightly, Heated), Methanol (Slightly)
Chloride	17.87% by Ion Chromatography

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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