



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-205826
Lot Number: SAMPLE
Product Name: Pyridoxal, Hydrochloride
CAS Number: 65-22-5
Molecular Formula: $C_8H_9NO_3 \cdot HCl$
Molecular Weight: 203.6

Test	Specification	Result
Appearance	Off-white to light yellow powder	Complies
Assay	$\geq 98\%$	99.59%
Melting Point	171-175° C	172° C
pH	2.0-4.0	2.7
Residue on Ignition	$\leq 0.1\%$	0.7%
Solubility	1.0% aqueous solution (25°C): Clear	Complies
Loss on Drying	$\leq 0.5\%$	0.42%
Chloride	17.2-17.7%	17.3%
Nitrogen Content	6.7-7.1%	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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