



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-202787
Lot Number: SAMPLE
Product Name: Pyridoxal-5'-phosphate monohydrate
CAS Number: 41468-25-1
Molecular Formula: $C_8H_{10}NO_6P \cdot H_2O$
Molecular Weight: 265.2

Test	Specification	Result
Purity (HPLC)	$\geq 98 \%$	99.5 %
Purity (Neutralization Titration)	$\geq 97 \%$	98.5 %
pH	3.0 to 3.5	3.3
Solubility	almost transparency (hot water)	transparency
Heavy Metals	≤ 10 ppm	Complies
Loss on Drying	$\leq 0.5 \%$	0.2 %
Arsenic	≤ 2 ppm	Complies
Phosphate	$\leq 0.5 \%$	Complies

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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