



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-221442
Lot Number: SAMPLE
Product Name: Creatine Phosphate, Dipotassium Salt
CAS Number: 18838-38-5
Molecular Formula: $C_4H_8N_3O_5P \cdot 2K$
Molecular Weight: 287.3

Test	Specification	Result
Appearance		White solid
Purity (TLC)	$\geq 98.0\%$	$> 98\%$
Solubility		Clear solution in H_2O at 5 mg/ml
Content	$\geq 80.0\%$	83%
Creatine	Creatine, free: $\leq 2.0\%$	1.13%
Inorganic Phosphorus	$\leq 1.0\%$	0.508%
Nitrogen	13.00 - 15.00%	12.86%
Phosphorus	Total Phosphorus: 7.00 - 14.00%	10.46%
Potassium	20.00 - 30.00%	24.89%
Sodium	$\leq 0.25\%$	0.0780%

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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