



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-213964
Lot Number: SAMPLE
Product Name: 2,3-Diphospho-D-glyceric acid pentasodium salt
CAS Number: 102783-53-9
Molecular Formula: $C_3H_3O_{10}P_2 \cdot 5Na$
Molecular Weight: 375.95

Test	Specification	Result
Appearance		Off-white, highly hygroscopic powder
Identification (1H-NMR)	200 MHz, (D2O)	Complies
Identification (31P-NMR)	200 MHz, (D2O; 1H-decoupled)	Complies
Identification (Mass Spectrometry - ESI)		Complies
Purity		≥95 % (HPLC-RI)
Solubility		Soluble in water

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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