



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215181
Lot Number: SAMPLE
Product Name: Inosine-5'-monophosphate disodium salt octahydrate
CAS Number: 20813-76-7
Molecular Formula: $C_{10}H_{11}N_4Na_2O_8P \cdot 8H_2O$
Molecular Weight: 536.29

Test	Specification	Result
Appearance (Color)	Colorless or white	White
Appearance (Form)	Powder or crystals	Powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 99.0\%$	99.8%
Specific Rotation ($\alpha_{20/D}$)	$-32.0 \pm 1.0^\circ$ (c = 1 in water)	-32.7°
Water Content	25 - 30%	25.4%

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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