



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215178
Lot Number: SAMPLE
Product Name: Inosine 5'-monophosphate disodium salt
CAS Number: 352195-40-5
Molecular Formula: $C_{10}H_{11}N_4O_8P \cdot 2Na$
Molecular Weight: 392.17

Test	Specification	Result
Appearance	White to off white powder	White powder
Purity (HPLC)	$\geq 98.0\%$	99.2%
Solution (Color)	Colorless at 50 mg/ml in water	Complies
Solution (Turbidity)	Clear (visual) at 50 mg/ml in water	Clear at 50 mg/ml in water
Absorption Excitation	248 - 249 nm	249.0 nm
Molar Extinction Coefficient	11800 - 12800 (anhydrous basis)	12446 (anhydrous basis)
Sodium	$\geq 8.0\%$ (anhydrous basis)	13.58% (anhydrous basis)
Water Content	$\leq 27\%$	24.9%

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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