



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-358251
Lot Number: SAMPLE
Product Name: Hypoxanthine disodium salt
CAS Number:
Molecular Formula: $C_5H_2N_4O \cdot 2Na$
Molecular Weight: 180.08

Test	Specification	Result
Appearance	White to grey/off white powder	White powder
Purity (Titration)	$\geq 75.0\%$	75.8%
pH	11.5 - 12.5 in 0.5% aqueous	11.9 in 0.5% aqueous
Solubility	Complete in 1% aqueous	Complies
Infrared Spectrum	Consistent with known reference	Complies
Total Assay	98.0 - 102.0%	99.2%
Water Content (KF)	$\leq 25.0\%$	23.4%

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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