



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-216063
Lot Number: SAMPLE
Product Name: Xanthine sodium salt
CAS Number: 1196-43-6
Molecular Formula: $C_5H_3N_4NaO_2$
Molecular Weight: 174.09

Test	Specification	Result
Appearance	White to off white powder	White powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 99\%$	100%
Solubility	Clear to slightly hazy and colorless to light yellow solution at 50 mg/ml in 1 M NaOH	Clear and almost colorless solution
Solvent Content (GC)	$\leq 4\%$ (Residual)	$< 0\%$
Water Content	$\leq 13\%$	5%
Cell Culture Test		Complies

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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