



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214743
Lot Number: SAMPLE
Product Name: cis-Zeatin
CAS Number: 32771-64-5
Molecular Formula: $C_{10}H_{13}N_5O$
Molecular Weight: 219.24

Test	Specification	Result
Appearance	White to off white powder	Off-white powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (HPLC)	$\geq 90\%$ $\leq 7.0\%$ (trans isomer)	99% 0.8% (trans isomer)
Solubility	Clear colorless to faint yellow at 2.0 mg + 0.2 ml, glacial acetic acid	Clear colorless
Carbon Content	52.6 - 57.1%	54.3%
Nitrogen Content	30.7 - 33.3%	30.8%

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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