



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-201206
Lot Number: SAMPLE
Product Name: Zaprinast (M&B 22948)
CAS Number: 37762-06-4
Molecular Formula: $C_{13}H_{13}N_5O_2$
Molecular Weight: 271.3

Test	Specification	Result
Appearance	Faint yellow to tan powder	Faint yellow powder
Identification (NMR)	Consistent with structure	Complies
Purity (TLC)	$\geq 98.00\%$	99.00%
Solution (Color)	Pale yellow to yellow at 49.00 - 51.00 mg/ml in 1 N NaOH	Light yellow at 50.00 mg/ml in 1 N NaOH
Solution (Turbidity)	Clear to slightly hazy at 49.00 - 51.00 mg/ml in 1 N NaOH	Very slightly hazy at 50.00 mg/ml in 1 N NaOH
Carbon Content	57.26 - 58.26%	57.50%
Nitrogen Content	25.32 - 26.32%	26.74%
Water Content (KF)	$\geq 0.00\%$	0.63%

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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