



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-200117
Lot Number: SAMPLE
Product Name: S-(4-Nitrobenzyl)-6-thioinosine (NBTI, NBMPR)
CAS Number: 38048-32-7
Molecular Formula: $C_{17}H_{17}N_5O_6S$
Molecular Weight: 419.4

Test	Specification	Result
Appearance		White crystalline solid
Identification (1H -NMR)	Consistent with structure	Complies
Identification (Mass Spectrometry)	Consistent with structure	Complies
Purity (HPLC)		> 99.7%
TLC		Rf = 0.7 (Chloroform:Methanol [9:1])
Carbon Content	48.68%	48.69%
Hydrogen Content	4.09%	4.11%
Nitrogen Content	16.7%	16.65%

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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