



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-223859  
Lot Number: SAMPLE  
Product Name: 4-(dimethylamino)-N-[6-(hydroxyamino)-6-oxohexyl]-benzamide  
CAS Number: N/A  
Molecular Formula:  $C_{15}H_{23}N_3O_3$   
Molecular Weight: 293.37

Test	Specification	Result
Identification (Mass Spectrometry - ESI)	MH+: 294.2	MH+: 293.9
Purity (HPLC)	>98%	Retention Time Actual.: 7.10 min Purity: 100.0 %
Purity (TLC)	>98%	Rf: 0.38 Purity %: 100.00
Melting Point	160 – 169 °C	161 – 163 °C
Infrared Spectrum	Conforms with standard	Complies
UV Absorption	$\lambda$ max: 301 nm	$\lambda$ max: 300 nm

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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