



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-234224  
Lot Number: SAMPLE  
Product Name: Brucine sulfate heptahydrate  
CAS Number: 60583-39-3  
Molecular Formula:  $(C_{23}H_{26}N_2O_4)_2 \cdot H_2SO_4 \cdot 7H_2O$   
Molecular Weight: 1013.11

Test	Specification	Result
Appearance	White to off-white crystalline powder	Off-white crystalline powder
Identification (FTIR)		Conforms to structure
Identification (Mass Spectrometry)		Conforms to structure
Purity (HPLC)	$\geq 98\%$	99.9%
Residue on Ignition	$\leq 0.1\%$	Complies
Optical Rotation	-24 ~ - 27°	-26.0°
Loss on Drying	$\leq 10\%$	9.5%

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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