



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-293961
Lot Number: SAMPLE
Product Name: Brucine Dihydrate
CAS Number: 145428-94-0
Molecular Formula: $C_{23}H_{26}N_2O_4 \cdot 2H_2O$
Molecular Weight: 430.49

Test	Specification	Result
Purity (HPLC)	$\geq 98.0\%$	99.8%
Purity (Nonaqueous Titration)	$\geq 99.0\%$ (calcd. on anh. substance)	99.9%
Solution (Turbidity)	Almost transparency in EtOH	Complies
Specific Rotation ($\alpha_{20/D}$)	-75.0° - -80° ($c = 1$, EtOH)	-77.3°
Water Content	$\leq 9.5\%$	8.3%
Suitability	Suitability for Nitrate analysis: to pass test	Complies

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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