



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-215735
Lot Number: SAMPLE
Product Name: Porphobilinogen
CAS Number: 487-90-1
Molecular Formula: $C_{10}H_{14}N_2O_4$
Molecular Weight: 226.23

Test	Specification	Result
Appearance	White to orange and faint beige to beige and pink powder	Light beige powder
Identification (1H-NMR)	Consistent with structure	Complies
Purity (TLC)	$\geq 96\%$	100%
Solubility	Colorless to light orange and clear solution at 10 mg/ml in 1M NH ₄ OH	Very light orange and clear solution at 10 mg/ml in 1M NH ₄ OH
Carbon Content	47.8 - 58.4% (anhydrous)	53.5%
Nitrogen Content	11.1 - 13.6% (anhydrous)	12.4%
Water Content (KF)	$\leq 11\%$	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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