



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215747
Lot Number: SAMPLE
Product Name: Prephenic acid barium salt
CAS Number: 2931-08-0
Molecular Formula: $C_{10}H_8O_6Ba$
Molecular Weight: 361.49

Test	Specification	Result
Appearance (Color)	White to off-white	White
Appearance (Form)	Powder	Complies
Identification (1H -NMR)	Consistent with structure	Complies
Purity (UV)	$\geq 75\%$	82%
Solution (Color)	Colorless to faint yellow at 20 mg/ml in H_2O	Faint yellow at 20 mg/ml in H_2O
Solution (Turbidity)	Clear to slightly hazy at 20 mg/ml in H_2O	Slight hazy at 20 mg/ml in H_2O
Solvent Content (GC)	$\leq 10\%$	3%
Barium	28.5 - 50.6% (ICP-Atomic Emission)	35.9% (ICP-Atomic Emission)
Water Content (KF)	$\leq 10\%$	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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