



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-223644
Lot Number: SAMPLE
Product Name: 4-Nitrobenzyl bromide
CAS Number: 100-11-8
Molecular Formula: $O_2NC_6H_4CH_2Br$
Molecular Weight: 216.03

Test	Specification	Result
Appearance	White to yellow to tan powder crystals	Yellow crystalline powder
Identification (Infrared Spectrum)	Consistent with structure	Complies
Purity (GC)	$\geq 98.5\%$	99.7%
Purity (Titration)	98.5 - 101.5% (with $AgNO_3$ after O_2 combustion)	98.8% (with $AgNO_3$ after O_2 combustion)
Melting Point		98 - 100 °C
Solubility		Clear, faint yellow solution at 50 mg/ml in $CHCl_3$

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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