



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-500473A
Lot Number: SAMPLE
Product Name: Chorismic acid
CAS Number: 617-12-9
Molecular Formula: $C_{10}H_{10}O_6$
Molecular Weight: 226.18
Native Source: *Enterobacter aerogenes*

Test	Specification	Result
Appearance	White to faint yellow powder	Off white powder
Identification (1H-NMR)	Consistent with structure	Complies
Purity (HPLC)	$\geq 80.0\%$	96.2%
Solubility	Clear and colorless to faint yellow solution at 10 mg/ml in DMSO	Clear and colorless solution
Solvent Content	$\leq 5.00\%$ (by 1H-NMR)	0.00%
Water Content (KF)	$\leq 10.00\%$	0.80%

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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