



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-230953
Lot Number: SAMPLE
Product Name: (2,4-Dichlorophenoxy)acetic acid sodium salt monohydrate
CAS Number: 7084-86-8
Molecular Formula: $C_8H_5Cl_2NaO_3 \cdot H_2O$
Molecular Weight: 261.03

Test	Specification	Result
Appearance	White to off-white powder	White powder
Purity (GC)	$\geq 98.0\%$	98.6%
Solubility	Clear colorless at 50 mg/ml in H_2O	Complies
Carbon	37.5 - 41.3% (anhydrous)	38.0%
Sodium	7.1 - 11.8% (anhydrous)	9.7%
Water Content (KF)	$\leq 10.0\%$	8.6%
Cell Culture Test	Plant cell culture test: pass	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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