



CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-478691
Lot Number: SAMPLE
Product Name: Pelargonidin 3-Glucoside
CAS Number: 18466-51-8
Molecular Formula: $C_{21}H_{21}O_{10} \cdot Cl$
Molecular Weight: 468.84

Test	Specification	Result
Appearance	Dark Powder	Complies
Purity (HPLC)	$\geq 95.0\%$	99.3%
Residual Solvents (GC)		0.4 % w/w
Potency	ϵ (510 nm, MeOH + 0.1% HCl) = 28,500 \pm 2000 via UV	29930
Water Content (KF)		1.7 % w/w
Inorganic Content		0.1 % w/w (via ICP-MS)

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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