



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-203225
Lot Number: SAMPLE
Product Name: Quercetin Dihydrate
CAS Number: 6151-25-3
Molecular Formula: $C_{15}H_{10}O_7 \cdot 2H_2O$
Molecular Weight: 338.3

Test	Specification	Result
Appearance	Yellow powder with a green or brown cast powder	Yellow powder
Purity (HPLC)	> 95.0%	96.6%
Residue on Ignition	≤ 0.50%	0.19%
Solubility	Soluble in 100% ethanol(~3 mg/ml) or 1 M sodium hydroxide(50 mg/ml); almost insoluble in water	Complies
Heavy Metals	≤ 20 ppm	Complies
Loss on Drying	≤ 12.0%	10.3%

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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