



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-214668A
Lot Number: SAMPLE
Product Name: Carmine
CAS Number: 1390-65-4
Molecular Formula: $C_{22}H_{20}O_{13}$
Molecular Weight: 492.39

Test	Result
Appearance	Red powder
Solubility	Soluble in Ethanol, alkali hydroxides, borax (0.8 mg/ml); partly soluble in water (8 mg/ml) or dilute acids
Dye Content	50.8% (Carminic Acid)
Loss on Drying	11%
Arsenic	< 1 ppm
Ash	4.32%
Lead	< 10 ppm

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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