



The Power to Question

CERTIFICATE OF ANALYSIS

Catalog Number: sc-215941
Lot Number: SAMPLE
Product Name: Tartrazine
CAS Number: 1934-21-0
Molecular Formula: $C_{16}H_9N_4Na_3O_9S_2$
Molecular Weight: 534.36

Test	Result
Appearance	Orange powder
Water Insoluble Matter	0.051%
Dye Content	87.20%
Heavy Metals (Pb)	< 40 mg/kg
Loss on Drying	12.30%
Related Substances	Combined ether extracts: 0.046% Subsidiary dyes: 0.012%
Arsenic	< 3 mg/kg
Lead	< 10 mg/kg
Water Content (KF)	0.051%

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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