



# CERTIFICATE OF ANALYSIS

The Power to Question

Catalog Number: sc-214523  
Lot Number: SAMPLE  
Product Name: Allura red AC  
CAS Number: 25956-17-6  
Molecular Formula:  $C_{18}H_{14}N_2Na_2O_6S_2$   
Molecular Weight: 496.42

Test	Result
Appearance	Red to maroon powder
Dye Content	89.31%
Heavy Metals	< 40 mg/kg
Insoluble Matter	0.12%
Organic Impurities	a. 6-hydroxy-2-naphthalene sulfonic acid, sodium salt: 0.12% b. 4-amino-5-methoxy-2-methylbenzene: 0.11% c. 6,6-oxybis (2-naphthalene sulfonic acid) disodium salt: 0.35%
Arsenic	< 3.00 mg/kg
Cadmium	< 1.00 mg/kg
Lead	< 2.00 mg/kg
Mercury	< 1.00 mg/kg
Subsidiary dyes	0.30%

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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