



The Power to Question

# CERTIFICATE OF ANALYSIS

Catalog Number: sc-214745  
Lot Number: SAMPLE  
Product Name: Citric Acid Trisodium Salt  
CAS Number: 68-04-2  
Molecular Formula:  $C_6H_5O_7 \cdot 3Na$   
Molecular Weight: 258.07

Test	Result
Appearance	White powder
Identification (Infrared Spectrum)	Consistent with structure
Purity	99.5%
Bulk Density	1022 g/l
pH	8.29 (1%)
Alkalinity	Complies
Heavy Metals	$\leq 5$ ppm
Loss on Drying	12.2% (180 °C for 18 hours)
Readily Carbonizable Substances	Complies
Arsenic	$\leq 0.5$ ppm
Cadmium	$\leq 0.5$ ppm (Trace Metal Analysis)
Chloride	$\leq 50$ ppm
Iron	2.6 ppm
Lead	$\leq 0.5$ ppm (Trace Metal Analysis)
Mercury	$\leq 0.1$ ppm (Trace Metal Analysis)
Sulfate	$\leq 100$ ppm
Tartrate	Complies

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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