



CAMACHEM

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Contact: sales@camachem.com

Certificate of Analysis

Product Name/Grade:

Citric Acid Anhydrous 99%

Product Specifications/Analysis

Item	Unit	BP	USP	FCC	E 330	GB1886.235-2016
Characters	/	White Crystalline Powders, Colorless Crystals or Granules. Odorless, has a strongly acid taste.				
Identification	/	Pass Test				
Color & Clarity of Solution	/	Pass Test	Pass Test	/	/	/
Assay	%	99.5 ~ 100.5	99.5 ~ 100.5	99.5 ~ 100.5	≥99.5%	99.5 ~ 100.5
Water	%	≤1.0	≤1.0	≤0.5	≤0.5	≤0.5
Readily Carbonisable Substances	/	Not Darker than Standard	Not Darker than Standard	A≤0.52, T≥30%	Not Darker than Standard	≤1.0
Sulphated Ash	%	≤0.1	≤0.1	≤0.05	≤0.05	≤0.05
Chloride	ppm	/	/	/	/	≤50
Sulphate	ppm	≤150	≤150	/	/	≤100
Oxalate	ppm	≤360	≤360	Pass Test	≤100	≤100
Calcium	ppm	/	/	/	/	≤200
Arsenic	ppm	/	/	/	≤1.0	≤1.0

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Lead	ppm	/	/	≤0.5	≤0.5	≤0.5
Aluminum	ppm	≤0.2	≤0.2	/	/	/
Mercury	ppm	/	/	/	≤1	/
Heavy Metals	ppm	/	≤10	/	/	/
Bacterial Endotoxins	IU/mg	< 0.5	Pass Test	/	/	/
Conclusion	<p>Approved</p> 					