

DSC TRADING CO., LTD.

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CERTIFICATE OF ANALYSIS (COA)

Product Name: Citric Acid Monohydrate

Chemical Formula: $C_6H_8O_7 \cdot H_2O$

CAS No.: 5949-29-1

Standard: BP / USP / FCC / E330

Test Items	Standard Specifications	Batch Results
Appearance	White Crystalline Granules/Powder	Conforms
Purity (Content)	99.5% - 100.5%	99.88%
Moisture (Water)	7.5% - 9.0%	8.1%
Sulphated Ash	$\leq 0.05\%$	0.02%
Chloride (Cl)	≤ 50 ppm	< 5 ppm
Sulphate (SO ₄)	≤ 150 ppm	< 20 ppm
Oxalate	≤ 100 ppm	< 10 ppm
Heavy Metals (as Pb)	≤ 5 ppm	< 1 ppm
Arsenic (As)	≤ 1 ppm	< 0.1 ppm
Lead (Pb)	≤ 0.5 ppm	< 0.1 ppm
Mercury (Hg)	≤ 1 ppm	< 0.01 ppm
Mesh Size	12-40 mesh	Conforms

Conclusion: The batch complies with BP/USP/FCC/E330 requirements.

Quality Assurance Department - DSC Trading Co., Ltd.