

PRODUCT SPECIFICATION SHEET

Citric Acid USP Grade

Test	Specification	Typical Result
Assay	99.5 - 100.5%	99.92%
Transmittance	≥96.0	99.4
Identification	To Pass Test	Pass
Color & Clarity of Solution	To Pass Test	Pass
Water	≤0.5%	0.15%
Heavy Metals	≤5 ppm	1 ppm
Oxalate	≤100 ppm	30 ppm
Sulphate	≤150 ppm	10 ppm
Calcium	≤75 ppm	4 ppm
Sulphate Ash	≤0.05%	0.02%
Readily Carbonisable Substances	To Pass Test	Pass
Aluminium	≤0.2 ppm	0.15 ppm
Arsenic	≤1 ppm	0.1 ppm
Bacterial Endotoxins	≤0.5 i.u/mg	0.38 i.u/mg
Chloride	≤50 ppm	1 ppm
Iron	≤5 ppm	1 ppm
Lead	≤0.5 ppm	<0.5 ppm
Mercury	≤1 ppm	<1 ppm
Organic Volatile Impurity	To Pass Test	Pass
Tridodecylamine	≤0.1 ppm	<0.1 ppm

Appropriate/legal use of this product is the responsibility of the user