

Specification of Citric Acid Anhydrous (30-100Mesh)

Item	Unit	BP 2012	USP 35	FCC 8	E 330
Characters		White Crystalline Powders, Colorless Crystals or Granules			
Identification		Pass Test			
Color & Clarity of Solution		Pass Test	Pass Test	/	Pass Test
Assay	%	99.5-100.5	99.5-100.5	99.5-100.5	99.5-100.5
Water	%	≤1.0	≤1.0	≤0.5	≤0.5
Readily Carbonisable Substances		Not Darker than Standard	Not Darker than Standard	Pass Test	Pass Test
Sulphated Ash	%	≤0.1	≤0.1	≤0.05	≤0.05
Sulphate	ppm	≤150	≤150	/	≤150
Oxalate	ppm	≤360	≤360	Pass Test	≤100
Calcium	ppm	/	/	/	≤75
Iron	ppm	/	/	/	≤5
Aluminum	ppm	≤0.2	≤0.2	/	/
Arsenic	ppm	/	/	/	≤1
Lead	ppm	/	/	≤0.5	≤0.5
Mercury	ppm	/	/	/	≤1
Heavy Metals	ppm	≤10	≤10	/	≤5
Bacterial Endotoxins	IU/mg	<0.5	Pass Test	/	/
Volatile Organic Impurities		/	/	/	Pass Test
Tridodecylamine	ppm	/	/	≤0.1	/

The product should be stored in a dry and cool place.