



Specification Citric Acid Anhydrous BP/USP/EP/FCC 30-80M

The following specification is the latest revision (as at 17 Jun 2019) and supersedes all previous specifications for this product code.

Specification Details					
Product Code	CIACID4730	CAS Number	77-92-9	Shelf Life	1,095 Day
Product	Citric Acid Anhydrous BP/USP/EP/FCC 30-80M				
Pack Size	25 kg net Bags				
Customer Name	Horticulture Limited				
Revision	1 (on 17/07/2018)	Std. Compliance	BP2010, USP34, EP7.0, E330, FCC7		
Authorised By	Damien Barrett Quality Assurance Manager	Notes	Initial issue.		

Specifications				
Description	Unit	Typical	Guaranteed	Method
Appearance: colourless crystals or white crystalline powder			Conforms	
Molecular Formula: C ₆ H ₈ O ₇				
Odour and Taste: odourless and strongly acid taste			Conforms	
Solubility			Passes Test	
Identification			Passes Test	
Clarity and colour of solution			Passes Test	
Assay, C ₆ H ₈ O ₇ , on anhydrous basis	%		99.5 - 100.5	
Water	%		Max 0.5	
Arsenic	ppm		Max 1	
Heavy metals	ppm		Max 5	
Sulphated ash	%		Max 0.05	
Sulphate	ppm		Max 150	
Sulphate as SO ₄	%		Max 0.015	
Calcium	ppm		Max 100	
Oxalate	ppm		Max 100	
Isocitric Acid			Passes Test	
Polycyclic Aromatic Hydrocarbon			Passes Test	
Readily carbonisable substances			Passes Test	
Residue On Ignition	%		Max 0.05	
Colour	APHA		Max 30	
Iron	ppm		Max 5	
Chloride	ppm		Max 50	
Organic Volatile Impurities			Passes Test	
Aluminium	ppm		Max 0.2	
Bacterial Endotoxins	I.U./mg		Max 0.5	
Mercury	ppm		Max 0.1	
Cadmium	ppm		Max 0.5	
Lead	ppm		Max 0.5	
Chrome	ppm		Max 1	
Trilaurylamine	ppm		Max 0.1	

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Specifications				
Description	Unit	Typical	Guaranteed	Method
Sterility			Passes Test	
Barium			Passes Test	
Ultraviolet Absorbance			Passes Test	
Particle size: Between 30 - 80 mesh	%		Min 90.0	
Particle size: Remainder	%		Max 10.0	
Conforms to BP2010, USP34, EP7.0, E330, FCC7			Conforms	

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