



Specification L(+) Lactic Acid 88% - 25kg Carboy

The following specification is the latest revision (as at 16 Dec 2022) and supersedes all previous specifications for this product code.

Specification Details				
Product Code	LAACID2600	CAS Number	79-33-4	Shelf Life 730 Day
Product	L(+) Lactic Acid 88% - 25kg Carboy			
Pack Size	25 kg net Carboys			
Customer Name	Alpha Chemicals Pty Ltd			
Revision	9 (on 11/07/2022)			
Authorised By	Damien Barrett Quality Assurance Manager	Notes	Updated conforms FCC12	

Specifications				
Description	Unit	Typical	Guaranteed	Method
Description: L(+) Lactic Acid 88%				
Appearance: Colourless liquid			Conforms	
Assay	%		Min 88.0	
Stereochemical purity	%		Min 97.0	
Identification: Lactate			Passes Test	FCC
Colour, fresh	APHA		Max 40	
Colour, after 6 months	APHA		Max 40	
Cyanide	mg/kg		Max 5	
Iron	mg/kg		Max 10	
Lead	mg/kg		Max 0.5	
Chloride	%		Max 0.001	
Residue on Ignition	%		Max 0.1	
Sulphate	%		Max 0.25	
Sugars			Passes Test	FCC
Citric, Oxalic, Phosphoric and Tartaric Acid			Passes Test	FCC
Density @ 20 deg C	g/ml		1.18 - 1.20	
Arsenic	%		Max 0.0001	
Heavy metals	%		Max 0.001	
Mercury, Hg	mg/kg		Max 1	
Cadmium, Cd	mg/kg		Max 1	
Conforms to FCC12			Conforms	

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