

The following specification is the latest revision (as at 01 Jul 2021) and supersedes all previous specifications for this product code.

Specification Details					
<b>Product Code</b>	TAACID2700	<b>CAS Number</b>	87-69-4	<b>Shelf Life</b>	1,825 Day
<b>Product</b>	Tartaric Acid L(+) Type 3				
<b>Pack Size</b>	25 kg net Bags				
<b>Customer Name</b>	Alpha Chemicals Pty Ltd				
<b>Revision</b>	24 (on 19/12/2018)	<b>Std. Compliance</b>	Ph.Eur.IX – F.U.XII – U.S.P. XLI-NF36 – F.C.C. XI – J.P. XVII – REG.(UE) N.231/2012		
<b>Authorised By</b>	Damien Barrett Quality Assurance Manager	<b>Notes</b>	Amended Calcium, Iron, Chlorides Oxalates, compliance statement.		

Specifications				
Description	Unit	Typical	Guaranteed	Method
Description: a white or almost white, crystalline powder or colourless crystals, very soluble in water, freely soluble in alcohol			Conforms	Ph.Eur.IX
Formula: C4H6O6				
Identification: meets identification test			Passes Test	Ph.Eur. IX - 2.2.4-2.3.1
Appearance of solution: the solution S is clear (< 3 NTU)			Passes Test	Ph.Eur. IX - 2.2.1
Appearance of solution: the solution is clear and not more intensely coloured than reference solution Y6			Passes Test	Ph.Eur. IX - 2.2.2 Method II
Assay	%		99.7 - 100.5	U.S.P. XLI-NF36
Specific Optical Rotation	deg		+12.0 to +12.8	Ph.Eur. IX
Sulphates, SO4	ppm		Max 150	Ph.Eur. IX
Loss on drying	%		Max 0.20	Ph.Eur. IX
Sulphated Ash/Residue on Ignition	%		Max 0.05	F.C.C. XI
Chlorides	ppm		Max 30	Ph.Eur. IX
Oxalate, as anhydrous Oxalic Acid	ppm		Max 50	REG. UE N. 231/2012
Calcium, Ca	ppm		Max 25	Ph.Eur. IX
Iron	ppm		Max 3	In House
Residual Solvents: total absence in the manufacturing process			Passes Test	
Elements:				
- Elements Class 1: As, Cd, Hg, Pb	ppm		Max 0.05	ICP-MS
- Elements Class 2A: Co, V, Ni	ppm		Max 0.5	ICP-MS
Particle size - retained on 600um	%		Max 5.0	
Particle size - passing through 300um	%		Max 10.0	
Conforms to Ph.Eur.IX – F.U.XII – U.S.P. XLI-NF36 – F.C.C. XI – J.P. XVII – REG.(UE) N.231/2012		Conforms		
NOTE: The product does not contain: E210 Ac.Benzoico, E211/212/213 Benzoati, E300 Ac. Ascorbico, Benzaldeide.				



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