

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	BOACID7300	CAS Number	10043-35-3
Product	Boric Acid		
Pack Size	25 kg net Bags		
Customer Name	Horticulture Limited		
Revision	5 (on 4/02/2016)		
Authorised By	Damien Barrett Quality Assurance Manager	Notes	Added test methods, added upper limit to B2O3, Equivalent H3BO3, amended SO4, Cl, Fe.

Specifications				
Description	Unit	Typical	Guaranteed	Method
B2O3	%		56.25 - 56.90	Volumetric/Titration
SO4	ppm		Max 300	Instrumental/Turbidimetric
Cl	ppm		Max 5	Volumetric/Titration
Fe	ppm		Max 5	Instrumental/Spectrophotometric
Equivalent H3BO3, calculated by chemical formula based on B2O3 analysis result	%		99.92 - 101.07	
PARTICLE SIZE DISTRIBUTION				Vibrating Sieve Analysis
- Retained on 1.000mm sieve	%		Max 4.0	
- Passing 0.063mm sieve	%		Max 4.0	
As	ppm	0.01		ICP EN 11885 E22
Cd	ppm	0.005		ICP EN 11885 E22
Cr (Hexavalent)	ppm	0.005		FOTOMETRIC IN 38405 D24
Hg	ppm	0.01		AAS DIN 38406 E 12
Pb	ppm	0.01		XRF DIN 51001

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