



Office and Factory

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Document Title: TECHNICAL SPECIFICATION ACTIBOR 15-G	Document No:	QR-LB-004/2014
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Product Name:	ACTIBOR 15- G™
Chemical Name:	Borax Pentahydrate, Borax 5 Mol, Di Sodium Tetraborate Pentahydrate
Chemical Formula:	$\text{Na}_2\text{B}_4\text{O}_7 \cdot 5\text{H}_2\text{O}$
Chemical Family:	Inorganic Borates
Appearance:	White, Odourless, Crystalline Solid
CAS No:	12179-04-3

The above product carry the following technical specifications:

No.	Test Parameters	Unit	AMF Standards
1.	Boron Content (As B)	%	15.00% typical
2.	Boron Content (As B_2O_3)	%	48.00% Typical
3.	Na_2O Content	%	21.25% Typical
4	Chlorides (Cl)	ppm	70 ppm (max)
5	Insolubles in Water	%	0.013% Max
6	Bulk Density (Loose)	gr/cm^3	0.85-0.95
7	Sieve Analysis	+ 5 mm	2.0% Max
		-1.5 mm	3.0% Max
8	Heavy metals (test method AAS)		
	Arsenic (As)	%	> 0.002 %
	Cadmium (Cd)	%	> 0.002 %
	Mercury (Hg)	%	> 0.002 %
	Lead (Pb)	%	> 0.002 %
9	Solubility in Water		
	@ 20 Deg C	%	3.80%
	@ 100 Deg C	%	51.20%
10	pH @ 20 Deg C		
	for 3.0% solution		9.3
11	Shelf Life	2 years when stored under protection from wetting	
12	Organic certification	Product is a certified input for Organic Manufacture, covered under NCO Certification No: 8155M, issued by NASAA, Australia	

Remarks:

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