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ClusterBoron[®] (B18) Specification

Product Name	ClusterBoron [®] (B18)
Chemical Name	Natural Abundance Octadecaborane
Formula	B ₁₈ H ₂₂
CAS #	12513-42-7
Product Number	0518-00
Formula Weight	216.8

Property	Units	Test Method	Specification
Appearance		Visual	Off White Crystalline Powder
Particle Size		Sieve	Passes # 20 Mesh
Assay	wt %	NMR	≥ 98.0%
Total Hydrocarbons	wt %	GC/MS	≤ 0.25%
Total Moisture	v %	FTIR	≤ 0.1%
Individual Metals	ppm	ICP/MS	
Arsenic			≤ 1
Cadmium			≤ 5
Chromium			≤ 10
Mercury			≤ 5
Total Metals	ppm	ICP/MS	≤ 25 Total
Arsenic		ICP/MS/DRC (Iron)	
Beryllium			
Cadmium			
Chromium			
Cobalt			
Copper			
Iron			
Lead			
Mercury			
Manganese			
Nickel			
Titanium			
Vanadium			
Zinc			

Approving Authorities:	
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