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ClusterCarbon™ (C14) Specification

Product Name	ClusterCarbon® (C14)
Chemical Name	Bibenzyl
Formula	C ₁₄ H ₁₄
CAS #	103-29-7
Product Number	0614-00
Formula Weight	182.26

Property	Units	Test Method	Specification
Appearance		Visual	White to Off White Crystalline Powder
Assay	wt %	GC/FID	≥ 98.0
Particle Size		Sieve	Passes # 5 Mesh
Total Moisture	v %	KF	≤ 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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Dustin Lamb	Chemical Product Line Manager
Approval Date	May 18, 2007