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Certificate Of Analysis (COA)		
BLACK IRON OXIDE		
C.A.S. No	1317-61-9	
C.I. Number	Pigment Black 11 (77499)	
Batch Number	092014	
PHYSICAL AND CHEMICAL PROPERTIES		
Parameter	Spec	Result
Oil Absorption g/100g	13-30	16.1
Tapped Density	0.7-1.4	1.14
Moisture	0.8 max	0.24
pH	4.0-9.0	7.8
Assay (as Fe)	65 min	68.4
Water Soluble Salts	0.75 max	0.13
SSA	8.0-14.0	9.4
HEAVY METALS		
Parameter	Spec	Result
Arsenic (As) mg/kg	3 max	<0.5
Barium (Ba) mg/kg	50 max	<0.5
Cadmium (Cd) mg/kg	1 max	0.2
Cobalt (Co) mg/kg	11.6
Chromium (Cr) mg/kg	100 max	6.6
Copper (Cu) mg/kg	50 max	<0.8
Mercury (Hg) mg/kg	1 max	<0.1
Nickel (Ni) mg/kg	200 max	13.6
Lead (Pb) mg/kg	10 max	0.3
Zinc (Zn) mg/kg	100 max	6.4
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