



Certificate Of Analysis (COA)		
IRON OXIDE RED		
C.A.S. No	1309-37-1	
C.I. Number	Pigment Red 101 (77491)	
Production Date	01/05/2015	
Expiry Date	01/05/2020	
Batch Number	187492	
PHYSICAL AND CHEMICAL PROPERTIES		
Parameter	Spec	Result
Oil Absorption g/100g	13-30	15.4
Tapped Density	0.7-1.4	1.14
Moisture	0.8 max	0.24
pH	4.0-9.0	7.3
Assay (as Fe)	65 min	69.3
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	<0.7
Mercury (Hg) mg/kg	1 max	<0.1
Nickel (Ni) mg/kg	200 max	14.1
Lead (Pb) mg/kg	10 max	0.3
Zinc (Zn) mg/kg	100 max	6.1
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