



TKB Trading, LLC
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Certificate of Analysis

(Representative Sample Certificate)

Product Name: Black Oxide Pigment
Batch No.: N/A (Representative Sample)

Assay(INCI) Cas No.	Spec.Values	Batch Values	Method
1317-61-9	97.0-100.0 %		
Black Oxide Pigment			
Form	dry powder		
pH-value(10%aqueous slurry)	6--9		ISO787-9
Loss on drying (105°C)	≤0.5%		ISO787-2
Heavy metals			
As	≤3 ppm		
Ba	≤10ppm		
Cd	≤1 ppm		
Cr	≤5 ppm		
Cu	≤50 ppm		
Hg	≤1 ppm		
Ni	≤10 ppm		
Pb	≤1 ppm		
Sb	≤1 ppm		
Zn	≤50ppm		
Visual and colorimetric evaluation	confirms		
Microbiological purity			
Microorganisms	100CFU/g		
Ph.Eur.USP XXII)	No Pathogens		

authorized by electronic signature
