



## Certificate of Analysis (Representative Sample Certificate)

TKB TRADING, LLC  
1101 9th Avenue  
Oakland, CA 94606  
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Trade Name: **ORANGE OXIDE**

Batch No.: #Not available (data may vary slightly with different lots or batches)

Assay(INCI)	Cas No.	Spec.Values	Bathc Values	Method
Iron Oxide	51274-00-1			
Iron oxide	1309-37-1			
Particle size(80% within the range 10-60µm)		confirms	confirms	laser diffraction
Particle size(d50)		21-26µm	23µm	laser diffraction
pH-value(10%aqueous slurry)		6--9	7.6	ISO787-9
Loss on drying (105 °C)		≤0.5%	≤0.5%	ISO787-9
Heavy metals				
As		≤3 ppm	≤3 ppm	
Ba		≤10ppm	≤10ppm	
Cd		≤1 ppm	≤1 ppm	
Cr		≤5 ppm	≤5 ppm	
Cu		≤50ppm	≤50ppm	
Hg		≤1 ppm	≤1 ppm	
Ni		≤10ppm	≤10ppm	
Pb		≤10ppm	≤10ppm	
Sb		≤1 ppm	≤1 ppm	
Zn		≤50ppm	≤50ppm	
Visual and colorimetric evaluation		confirms	confirms	
Microbiological purity				
Microorganisms		100CFU/g	100CFU/g	
Ph.Eur.USP XXII)		No Pathogens	No Pathogens	
Color-index (TiO <sub>2</sub> ): C.I.No.: 77891				

It is hereby confirmed that the delivered goods have been examined and they are EU compliant.

TKB TRADING, LLC  

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Analytical Lab.