



TKB TRADING, LLC
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Certificate of Analysis (Representative Sample Certificate)

Trade Name: **ULTRAMARINE BLUE**

Supplier: TKB trading, LLC

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

Assay(INCI) Cas No.	Spec. Values	Batch Values	Method
Ultramarine Blue	57455-37-5 99.0-100.0 %	99.90%	
Form	dry powder	dry powder	
pH-value(10%aqueous slurry)	6--9	7.5	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	

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

Analytical Lab.