

Certificate of Analysis

Product Code: KT-6047

Trade Name: Gold Blue

Manufacturer:

Batch No.: #190114

Assay(INCI)	Cas No.	Spec. Values	Batch Values	Method
Mica	12001-26-2	46-51%	48.30%	Kolortek
Titanium dioxide	13463-67-7	48-53%	50.40%	Kolortek
Iron oxide	1309-37-1	0-1%	0.70%	Kolortek
Ultramarine blue	57455-37-5	0-1%	0.60%	Kolortek
Particle size(80% within the range 10-60µm)		confirms	confirms	laser diffraction
Particle size(d50)		21-26µm	23µm	laser diffraction
pH-value(4% H ₂ O)		6-9	7.2	ISO787-9
Loss on drying(105°C)		≤0.5%	≤0.5%	ISO787-9
Heavy metals				
As		≤2 ppm	≤2 ppm	Kolortek
Ba		≤50 ppm	≤50 ppm	Kolortek
Cd		≤3 ppm	≤3 ppm	Kolortek
Cr		≤100 ppm	≤100 ppm	Kolortek
Cu		≤50 ppm	≤50 ppm	Kolortek
Hg		≤1 ppm	≤1 ppm	Kolortek
Ni		≤10 ppm	≤10 ppm	Kolortek
Pb		≤10 ppm	≤10 ppm	Kolortek
Sb		≤1 ppm	≤1 ppm	Kolortek
Zn		≤50 ppm	≤50 ppm	Kolortek
Visual and colorimetric evaluation		confirms	confirms	Kolortek
Microbiological purity				
Microorganisms		<100CFU/g	<100CFU/g	Kolortek
Ph.Eur. USP XXII		No Pathogens	No Pathogens	Kolortek

It is hereby confirmed that the delivered goods have been examined and they are in accordance with our confirmation of order

Engineer. Xu Zhang
Analytical Lab.

Date: 15th Jan. 2019

