



Kolortek Co., Ltd

No. 9 Haikou Road

Huaian, Jiangsu, China

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Certificate of Analysis

Product Code: KT-96401-008

Trade Name: Sapphire Blue

Manufacturer: Kolortek Co., Ltd.

Batch No.: #191128

Assay(INCI)	Cas No.	Spec.Values	Batch Values	Method
Polyethylene Terephthalat	25038-59-9	93.9-96.7%	95.40%	Kolortek
Polyurethane-11	68258-82-2	2-5%	3.30%	Kolortek
Aluminum	7429-90-5	0.3-0.9%	0.70%	Kolortek
Manganese violet	10101-66-3	0.4-0.8%	0.60%	Kolortek
Particle size		confirms	confirms	laser diffraction
Particle size		008	008	laser diffraction
pH-value(4% H2O)		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		≤20 ppm	≤20 ppm	Kolortek
Cu		≤50 ppm	≤50 ppm	Kolortek
Hg		≤1 ppm	≤1 ppm	Kolortek
Ni		≤10 ppm	≤10 ppm	Kolortek
Pb		≤5 ppm	≤5 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: Yu Chen

Analytical Lab.

Date: 29th Nov. 2019