



Kolortek Co., Ltd

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Certificate of Analysis

Product Code: KT-96407-008				
Trade Name: Turquoise Blue				
Manufacturer: Kolortek Co., Ltd.				
Batch No.: #190327				
Assay(INCI)	Cas No.	Spec.Values	Batch Values	Method
Polyethylene Terephthalat	25038-59-9	93.9-96.9%	95.40%	Kolortek
Polyurethane-11	68258-82-2	2-5%	3.50%	Kolortek
Aluminum	7429-90-5	0.3-0.7%	0.50%	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				
<u>Engineer: Yu Chen</u> Analytical Lab. Date: 28th Mar. 2019				