



TKB TRADING, LLC
 1101 9th Avenue
 Oakland, CA 94606
 Tel: 510-922-9027
 www.tkbtrading.com

Certificate of Analysis

Product Name **TITANIUM DIOXIDE- WATER**

Manufacture Date N/A
 Lot Expiration Date N/A

Acidity--limit of 1.0 ml 0.01N NaOH
 Appearance of Solution--Solution was clear

Metals: Antimony-<1ppm Arsenic-----<1ppm
 Barium---<1ppm Cadmium-----<1ppm
 Iron-----<25ppm Mercury-----<1ppm
 Zinc-----<50ppm Heavy Metals--<20ppm
 Aluminum Oxide and/or Silicon Dioxide (by
 calculation)--2.0% max.
 OVI-complies with USP requirements.
 Particle Size@90% <1.7 microns.
 EP Identification A, B and C--Passes
 No Alumina or Silica are added to this product during
 the manufacturing process.
 The crystal type is Anatase.

Complies to E171 2312/2012/EC, BP 1993 and the
 current editions of the USP, JP and EP. This
 product is a white powder.

Test Identification	Description	Min Value	Max Value	Test Value	Status
ACIDSOLUB	% ACID SOLUBLE	0	.50	.18	On-Spec
AL2O3	ALUMINUM OXIDE (%)	0	.20	.20	On-Spec
ANTIMONY	ANTIMONY PPM	0	2.00	1.00	On-Spec
ARSENIC	ARSENIC PPM	0	1.00	0	On-Spec
COLIFORM	COLIFORM <10 CFU/g	0	0	0	On-Spec
ECOLI	E. COLI (NEG/10G)			0	On-Spec
H2OSOLUB	% WATER SOLUBLE	0	.25	.15	On-Spec



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TITANIUM DIOXIDE- WATER

LEAD	LEAD PPM	0	10.00	1.30	On-Spec
LOD	% LOSS ON DRYING	0	.50	.12	On-Spec
LOSSIGNIT	% LOSS ON IGNITION	0	.50	.10	On-Spec
MERCURY	MERCURY PPM	0	1.00	0	On-Spec
PSEUDO	P. AERUGINOSA (NEG/10g)			0	On-Spec
SALMON10G	SALMONELLA (NEG/10g)			0	On-Spec
STAPH	S. AUREUS (NEG / 10g)			0	On-Spec
TIO2	% TIO2	99.00	100.50	99.44	On-Spec
TPC	TOTAL PLATE CT (CFU/G)	0	1000.00	0	On-Spec
YEASTMOLD	YEAST AND MOLD(CFU/G)	0	100.00	0	On-Spec