

Certificate of Analysis Anatase Grade

	Property	Value
A	Physical Properties	
1	Color	White Powder free from signs of any impurity
2	odor	Odorless
3	Particle Size (d50)	0.48
4	Bulk density gm/lit	580
5	Color value (L)	98.87
6	Color value (b)	1.4
7	Tinting Strength	1100
8	Water soluble matter %	0.25
9	Acid soluble matter %	0.30
10	Loss on ignition 110oC	0.22
11	Loss on ignition 800oC	0.28
12	pH of slurry @ 25oC	7.35
B	Chemical Properties	
1	TiO ₂ %	99.3
2	Iron mg/kg	42.0
3	Chromium mg/kg	2.0
4	Nickel mg/kg	0.9
5	Cobalt mg/kg	0.8
6	Other Heavy metals mg/kg	9.0
C	Micro Biological Properties	
1	Staphylococcus Aureus	Absent
2	Escherichia Coli	Absent
3	Pseudomonas Aeruginosa	Absent
4	Aerobic Plate Count	10 cfu/gm
5	Gram Negative	Absent
6	Yeast and Moulds	10 cfu/gm
7	Shelf Life	5 years