

Certificate of Analysis Rutile Grade

	Property	Value
A	Physical Properties	
1	Color	White Powder free from signs of any impurity
2	odor	Odorless
3	Particle Size	0.40
4	Residue on 45-micron Sieve %	0.1
5	Tinting Strength	1400
6	Tint reducing power with standard %	95
7	Oil absorption (g/100g)	20
8	Water soluble matter %	0.35
9	Acid soluble matter %	0.30
10	Loss on ignition 110°C	0.27
11	Loss on ignition 800°C	0.30
12	pH of slurry @ 25°C	7.35
B	Chemical Properties	
1	TiO ₂ %	99.4
2	Iron mg/kg	38.0
3	Chromium mg/kg	2.0
4	Nickel mg/kg	0.9
5	Cobalt mg/kg	0.8
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