

# Test Report

code : FLA-42/00

Date :98/06/01

## Product Name

Titanium Dioxide (Coated with Dimethicone)

Report NO.	Batch NO.	Sample code	Mfg. Date	Exp. Date	Test Date
TiO2-coated-P01	T20230202	TiO2	Jan-23	Jan-25	Jan-23

## General Characteristics

Appearance	White Powder
Taste	Tasteless
Oder	Oderless
Solubility	In water and alcohol Insoluble
Particle size	<200nm

## Chemical Test

Row	Test Items	Unit	Result	Production Standard
1	TiO2 (percent by mass)	%	93.7	Min=92
2	As	ppm	<3	Max=3
3	Heavy metal (as Pb)	ppm	<10	Max =10
4	Hg	ppm	ND	<3
5	Cd	ppm	<5	<5
6	L.O.D	%	0.3	<0.8
7	Soluble in water	%	<0.35	<0.5
8	Residue	%	0.026	<0.5
9	pH	-	7.5	6-8

## Microbiological Analysis

10	Total aerobic microbial count	cfu/gm	< 10	Max=500	ISIRI 20111
11	Total yeast and mold count	cfu/gm	< 10	Max=10	ISIRI 20111
12	E.coli	Negative/gm	Absent	Negative/gm	ISIRI 20111
13	Pseudomonas aeruginosa	Negative/gm	Absent	Negative/gm	ISIRI 20111
14	Candida albicans	Negative/gm	Absent	Negative/gm	ISIRI 20111
15	Staphylococcus aureus	Negative/gm	Absent	Negative/gm	ISIRI 20111

Lab Expeter: Mrs.Bagheri

Technical Manager

