



# Test Report

code : FLA-42/00

Date :98/06/01

Product Name		Zinc oxide-Coated with dimethicone				
Report NO.	Batch NO.	Sample code	Mfg. Date	Exp. Date	Test Date	Record Date
T20230916	T20230916	nZnO-I09	Sep.2023	Sep.2025	Sep.2023	Sep.2023
General Characteristics						
Appearance	White or faintly yellowish white Powder					
Taste	Tasteless					
Oder	Oderless					
Solubility	In water and alcohol Insoluble					
	In sulfuric acid soluble					
Particle size	Under Repuest					
Chemical Test						
Row	Test Items	Unit	Result	Production Standard	Refrence	Comment
1	Zinc oxide (percent by mass)	%	97.8	-	-	Coated
2	Arsenic	ppm	complies	Max=4	ISIRI 1321 IS 2850-1983	
3	Heavy metal (as Pb)	ppm	<20	Max =20	ISIRI 1321 IS 2850-1983	
4	Sieve analysis	-	<400 nm	as agreed to between the purchaser and the supplier	ISIRI 1321 IS 2850-1983	
5	Bulk density	g/ml	0.75	as agreed to between the purchaser and the supplier	ISIRI 1321 IS 2850-1983	
6	L.O.I (80°C)	%	2.45	-	-	Coated
7	Carbonates	-	complies	To pass the test	ISIRI 1321 IS 2850-1983	
8	Free alkali (as NaOH) (percent by mass)	%	0.08	Max = 0.15	ISIRI 1321 IS 2850-1983	
9	Iron (Fe)	ppm	complies	Max=20	ISIRI 1321 IS 2850-1983	
10	cadmium (Cd)	ppm	complies	Max=10	ISIRI 1321 IS 2850-1983	
11	pH	-	7.57	-	-	
Microbiological Analysis						
12	Total aerobic microbial count	cfu/gm	< 10	Max=500	ISIRI 20111	
13	Total yeast and mold count	cfu/gm	< 10	Max=10	ISIRI 20111	
14	E.coli	Negative/gm	Absent	Negative/gm	ISIRI 20111	
15	Pseudomonas aeruginosa	Negative/gm	Absent	Negative/gm	ISIRI 20111	
16	Candida albicans	Negative/gm	Absent	Negative/gm	ISIRI 20111	
17	Staphylococcus aureus	Negative/gm	Absent	Negative/gm	ISIRI 20111	
Lab Expeter: Mrs.Bagheri			Technical Manager 			

