



M/s. Bimal Pharma Pvt. Ltd.
Mumbai, India

ISO 9001 : 2015



Cert. No.: 110661/A/0001/UK/En

TYPICAL CERTIFICATE OF ANALYSIS

Name of the Product : Zinc Oxide, CI 77947 (Cosmetic Grade)

CAS No. : 1314-13-2

Shelf Life : 5 Years

Sr. No.	TEST	SPECIFICATION	RESULT
1.	Description	Fine, Amorphous Fine Powder	Passes
2.	Identification	A) It becomes Yellow when strongly heated & The Yellow color disappears on cooling. B) Sol. Gives the reaction of Zinc.	Passes
3.	Solubility	Insoluble in Water and in Ethanol (96%), Soluble in Dilute Acids & strong bases.	Complies to BP
4.	Alkalinity	NMT 0.3 ml of 0.1 M HCL requires to Change the Color of indicator	0.2 ml
5.	Carbonate and Substances insoluble in Acid	Should be pass the Prescribed Test	Complies to BP
6.	Assay (on Ignited basis)	99.0% to 100.5%	99.53%
7.	Iron	200 ppm Max.	12.4 ppm
8.	Mercury	0.1 ppm Max.	<0.1 ppm
9.	Cadmium	3.0 ppm Max.	0.65 ppm
10.	Arsenic	3.0 ppm Max.	<3.0 ppm
11.	Lead	10.0 ppm Max.	3.54 ppm
12.	Loss on Ignition (at 800 +/- 25°C Temp.)	1.0% Max	0.21%
13.	Substances not precipitated by Sulfide	NMT 0.5 %	Passes
14.	Content of Zinc	79.0% Min.	80.27%
15.	Sieve Test	98% Min. Passes through 200 Micron	100% passes
16.	Microbial Contamination Total Aerobic Microbial Count Yeasts and Molds	NMT 10 cfu/gms NMT 10 cfu/gms	Complies with BP Complies with BP
17.	Salmonella & E.Coli	Absent	Complies with BP
Remarks : Complies with CI 77947.			