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## CERTIFICATE OF ANALYSIS

<b>Product</b>	Zinc Oxide					
<b>Grade</b>	BP/USP					
<b>Report no.</b>	<b>Batch no.</b>	<b>Batch qty.</b>	<b>Mfg. Date</b>	<b>Exp.Date</b>	<b>Qty.</b>	<b>Drug lic no.</b>
#03/23-24	#03/23-24	3000 kg	June-2023	5 Years	100 gm	G-1498

## CHEMICAL ANALYSIS

Properties	Standard	Result	
Description	A soft, white, or faintly yellowish white amorphous powder, free from grittiness	Complies	
Identification <b>Test A</b>	It becomes yellow on heating strongly; the yellow color disappears on cooling.	Complies	
<b>Test B</b>	<b>Test 1:</b> White precipitate is produced with 0.2 ml sodium hydroxide solution; which dissolve on further 2 ml of sodium hydroxide solution; on addition of ammonium chloride once again white precipitate produced. <b>Test 2:</b> Violet precipitate is produced. <b>Test 3:</b> White precipitate which is insoluble in dilute hydrochloric acid.	Complies Complies Complies	
Loss on Ignition	Not more than 1.0% w/w	0.8 w/w	
Alkalinity	Not more than 0.3 ml of 0.1 M hydrochloric acid is required to discharge the color	0.1 ml	
Iron	Any color produced in the sample is not more intense than that of iron standard solution (NMT 400 ppm)	370 ppm	
Carbonates and Substance insoluble in Acids	No effervescence is produced, and test solution is not more opalescent than opalescence standard OS2 and colorless	Complies	
Assay – Zinc Oxide (Ignited basis)	Between 99.0 and 100.5 % of ZnO	100.70	
Heavy Metal	Lead	Not more than 5.0 ppm	3 ppm
	Cadmium	Not more than 5.0 ppm	4 ppm
	Arsenic	Not more than 5.0 ppm	4 ppm
	Mercury	Not more than 5.0 ppm	3 ppm
	Lithium	Not more than 5.0 ppm	3 ppm

<b>Shelf Life</b>	
Expiry/Re-Test Period: 5 Years after Date of Manufacture	
<b>Quality Assurance/Certificate</b>	
ISO	SBF Pharma Is ISO 9001:2015 Certified. Certificate No: 21DQHR27
Halal	Our Product is Strictly Halal. Certificate No: 20ZKCM5040HL
Kosher	Our Product is Strictly Kosher. Certificate No: UQ-1102101
Note	All Certificates are Available on Request
<b>Certificate of Compliance</b>	
GMO	The Product Does Not Contain any genetically Modified Organisms (GMO) or Raw Materials Used in Manufacturing of the same are also not Genetically Modified.
Non – Irradiation	The Product was Never Subjected to any kind of Ionized Irradiation and Contains no Radioactivity not even in Monir Amounts.
Allergens	The Product Does Not Contain any of the Below mentioned Allergens: Cereals Containing Gluten, Crustaceans, Eggs, Fish, Peanuts, Tree nuts, Soybeans, Milk, sesame, Seeds, Sulphur Dioxide and Sulphate (Concentrations > 10mg/kg)
TSE/BSE	The Product is not Derived from animal/plant origin & hence this Product I free From Transmissible Spongiform Encephalopathy (TSE) and Bovine Spongiform Encephalopathy (BSE). It is Synthetically Derived
Residual Solvent	Class 1, Class 2, Class 3 & Table 4 Solvents are not used in the Production of Product.
Vegetarians/Vegans	Our Product is Suitable for Consumption by Vegetarians and vegans
Storage Recommendations	Store in a room temperature avoid direct sunlight.

<b>Analyzed By</b>	<b>Approved By</b>
Kalpesh Nadiya	Kiran Mistry
	