

SBF PHARMABLOCK NO: 263
SANTEJ, GANDHINAGR,
GUJARAT-382721, INDIA,CERTIFICATE OF ANALYSIS

Product	Zinc Oxide
Grade	IH

Report No.	Batch No.	Batch Quantity	Mfg :Date	Exp: Date	Quantity	Drug lic no.
#01/20-21	#01/20-21	3000 kg	June-2020	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 Test A:	It become yellow on heating strongly; the yellow colour disappears on cooling	Complies	
Test B:	Test 1: 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 Test 2: Violet precipitate is produced Test 3: White precipitate which is insoluble in dilute hydrochloric acid.	Complies Complies Complies	
Loss on Ignition	Not more than 1.0% w/w	0.39 w/w	
Alkalinity	Not more than 0.3 ml of 0.1 M hydrochloric acid is required to discharge the colour	Complies	
Iron	Any colour produced in the sample is not more intense than that of iron standard solution (NMT 400 ppm)	Complies	
Carbonates and Substance insoluble in Acids	No effervescence is produced and test solution is not more opalescent than opalescence standard OS2 and colourless	Complies	
Assay – Zinc Oxide (Ignited basis)	Between 99.0 and 100.5 % of ZnO	99.78% of ZnO	
Heavy Metal	Lead	Not more than 5.0 ppm	4.72 ppm
	Cadmium	Not more than 5.0 ppm	0.12 ppm
	Arsenic	Not more than 5.0 ppm	BDL
	Mercury	Not more than 5.0 ppm	BDL
	Lithium	Not more than 5.0 ppm	BDL
Mesh Size	100% passing throw 300 mesh	Complies	

Tested By: G N Patel

Approved By: Kiran Mistry

For, SBF Pharma

S. B. Barot

Proprietor

Date : 29/9/2020

For, SBF Pharma
J. B. Baret
Proprietor

Date : 29/9/2020