

FINISHED PRODUCT: CERTIFICATE OF ANALYSIS

DEPARTMENT : QUALITY CONTROL


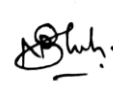

Ref .SOP No	QC/017, Rev – 00	Format No. : QC/017/F/02-00
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Name of product	: ZINC OXIDE USP		
Chemical Formula : ZnO	Molecular Weight : 81.38 gm/mol	CAS No : 1314-13-2	
HSN Code	28170010	Batch Number	073001B23
Date of sampling	14/02/2023	Date of Manufacture	FEB.-2023
Sample Quantity	100.00 Gms.	Date of Expiry	5 Years after Mfg. date
Date of Analysis	14/02/2023		
Date of Release	15/02/2023		
Mfg. Lic. No.	G/25/2513		

Sr. No.	Test	Observation	Specification
1.	Appearance	Soft, white or faintly yellowish-white, amorphous powder, free from gritty particles.	Soft, white or faintly yellowish-white, amorphous powder, free from gritty particles.
2.	Identification A When strongly heated, it assumes a yellow color that disappears on cooling. Identification B The retention time of the zinc peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay.	Pass Test Pass Test	To pass test To pass test
3.	Assay % (On the ignited basis)	98.16%	98.0 % – 102.0 %
4.	Arsenic	Pass Test	Max. 6 ppm
5.	Lead	Pass Test	To Pass test (No turbidity or precipitate is produced.)
6.	Iron and Other Heavy Metals	Pass Test	To Pass test (White precipitates are formed in both aliquots)
7.	Loss on ignition	0.36 %	Max. 1.0 %
8.	Alkalinity	Pass Test	NMT 0.30 mL of 0.10 N hydrochloric acid is required to discharge it
9.	Carbonate And Color of Solution	Pass Test	No effervescence occurs, and the resulting solution is clear and colorless.

Storage Condition : In an airtight container.

Remarks: The above product complies with above specification.

	Prepared By/Analyzed by	Approved by
Signature		 
Date	14/02/2023	15/02/2023

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■ **An ISO 9001:2015 Certified Company** ■ **GST** : 24AAGCA9795F1ZC ■ **Udyam Registration** : UDYAM-GJ-24-0020783