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CERTIFICATE OF ANALYSIS

Name of the Sample : Zinc Oxide AR
Batch No. : 227830
Date of Mfg. : July 2024
Date of Exp : June 2029
Register No. : 2024-25
Qty of Sample : 500gm
Date of Analysis : July 2024

S. No	Test Parameters	Observed Values	Standard Values
1.	Description	Passes	White Amorphous Powder
2.	Assay (after ignition)	99.50% ZnO	Min.99.5%
3.	HCl insoluble matter	0.0085%	Max.0.01%
4.	Loss at 600°C	0.34%	Max.0.5%
5.	Carbonate	0.12%	Max.0.25%
6.	Chloride	0.0006%	Max.0.001%
7.	Nitrogen compounds	0.002%	Max.0.002%
8.	Sulphur compounds	0.0078%	Max.0.01%
9.	Copper	0.0002%	Max.0.0002%
10.	Iron	0.0001%	Max.0.0003%
11.	Lead	0.005%	Max.0.005%
12.	Sodium	0.001%	Max.0.001%
13.	Reducing substances (O)	0.0011%	Max.0.0016%

Chief Chemist