

# NEELKANTH FINECHEM LLP

**MINERALS & CHEMICALS MANUFACTURERS**

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## Lab Section

## CERTIFICATE OF ANALYSIS

Product Name- Zinc Oxide B.P. (Cosmetic Grade)		Test Report No.-	
B.NO.		Analysing date-	
Mfg. Date--		Sample receiving date-	
Exp. Date--		Manufacturer/ party--	Neelkanth Finechem LLP Jodhpur (Raj.) India

## TEST RESULTS

S. NO	TEST PERFORMED	LIMIT	RESULTS
1	DESCRIPTION	Soft, white powder, free from grittiness, odorless, tasteless.	COMPLIES
2	SOLUBILITY	Insoluble in water and in alcohol, soluble in solution of alkali hydroxides and dil. mineral acids.	COMPLIES
3	IDENTIFICATION	A) It gives yellow when strongly heated, the yellow color disappear on cooling. B) A solution in dil. hydrochloric acid gives the reaction of zinc.	COMPLIES
4	ALKALINITY	Shake 1 g with 10 ml of boiling water R and add 0.1 ml. of phenolphthalein solution R and filter if a red color is produced, NMT 0.3 ml of 0.1 M Hcl is required to discharge it.	0.1 ml.
5	IRON	NMT 200 ppm	COMPLIES
6	CARBONATES AND SUBSTANCES INSOLUBLE IN ACIDS.	No effervescences occurs and resulting and the resulting sol. is clear and colorless.	COMPLIES
7	ARSENIC	NMT 5 ppm	COMPLIES
8	CADMIUM	NMT 10 PPM	COMPLIES
9	LEAD	NMT 50 PPM	COMPLIES
10	LOSS ON IGINATION	NMT 1.0%	0.31% W/W
11	ASSAY	NLT 99% & NMT 100.5%	99.64%W/W
REMARK— The above material passes as per B.P. Specification.			

  
ANALYTICAL CHEMIST



  
MFG. CHEMIST