

# NEELKANTH FINECHEM LLP

**MINERALS & CHEMICALS MANUFACTURERS**

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## Lab Section

## CERTIFICATE OF ANALYSIS

Product name- <b>Purified Talc B.P. 2019</b>		T.R.NO.-	BP-N-128
B.NO.	BP-N-128	Analysing date-	
Mfg. Date		Sample receiving date	
Exp. Date		Manufacturer/ party	Neelkanth Finechem LLP, Jodhpur (Raj.)

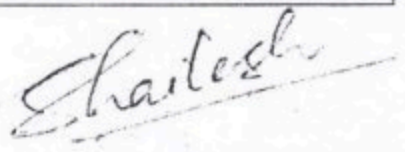
### TEST RESULTS

S. NO	TEST PERFORMED	LIMIT	RESULTS
1	DESCRIPTION	Talcum is a powdered, selected natural hydrated magnesium silicate, light, homogenous, white or almost white powder, greasy to the touch (non abrasive)	Complies
2	SOLUBILITY	Practically insoluble in water, in ethanol (96%) and in dilute solution of acids and alkali hydroxide.	Complies
3	IDENTIFICATION A) Chemical Test c) Chemical Test	A) As per B.P. B) A white crystalline precipitate of magnesium ammonium phosphate is formed. C) Within a short time, a white ring is rapidly formed around the drop of water.	Complies
4	ACIDITY OR ALKALINITY	NMT 0.4ml of 0.01 hydrochloric acid to change the color of indicator to green. 2) NMT 0.3ml of 0.01 sodium hydroxide to change the color of indicator to pink.	Complies
5	IRON	NMT 0.25 %	Complies
6	ALUMINIUM	NMT- 2%	1.70%
7	WATER SOLUBLE SUBSTANCE	NMT-10 mg (0.2%)	8mg.
8	CALCIUM	NMT 0.9%	0.62%
9	LEAD	NMT 10 ppm	Not Detected
10	MAGNESIUM	17.0 TO 19.5%	18.18%
11	LOSS ON IGNITION	NMT- 7.0%	6.42%
12	MICROBIAL CONTAMINATION	(Tropical administration)The total viable aerobic count is NMT 100 aerobic bacteria and fungi per gram. (oral administration) the total viable aerobic count NMT a total of 1000 aerobic bacteria and NMT 100 fungi per gram.	Complies, Total Aerobic microbial count 76cfu/gm and total yeast & mould count Nil/gm
13	ASBESTOS	Talc should be free from tremolite and chrysotile form of asbestos. Investigation by X-Ray diffraction for amphiboles and serpentines.	Absent.

REMARK— The above material passes as per B.P. 2019 Specification.

  
ANALYTICAL CHEMIST



  
MFG. CHEMIST