



(Drug License No. 11 of 2018)
(Food Safety & Drug Administration – Govt. of Uttar Pradesh)



Talc IP

TYPICAL PHYSIO-CHEMICAL PROPERTIES

(As per IP-2018)

PROPERTY	UNIT	SPECIFICATIONS
Description	--	A white almost white powder, free from grittiness, readily adheres to the skin unctuous on the touch, Odourless
Identification	--	By Infrared absorption spectrum of the substance being examined in potassium bromide dispersion should show absorption, bands at 3677 cm, at 1018 cm and at 669 cm
		A white, crystalline precipitate is formed with Di Sodium hydrogen phosphate
		The residue obtained in identification test B gives reaction of silicates.
Acidity or Alkalinity		NMT 0.3 ml of 0.1 M HCL required to make it acidic
Water-Soluble Substances	-	NMT 10 Mg
Chloride	PPM max	250
Iron	PPM max	NMT 10
Loss on Drying	% max	NMT 1.0 % @ 180°C/1Hour
Acid Soluble substance	%	NMT 2%
Carbonate Test	-	No effervescence produced with diluted HCl
Organic Compound	-	Colour of material after LOD NMT slight yellow or gray
Microbial Contamination	cfu/gm max	1-For topical application total viable microbial count NMT total of 100 per gm 2-For Oral administration total viable microbial count NMT 1000 cfu Bacteria and NMT 100 cfu Fungi & Yeast per gm



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