



## ADINATH CHEMICALS AHMEDABAD, INDIA

### White Petrolatum USP

S. NO.	TEST PARAMETERS	TEST METHOD	SPECIFICATION LIMIT	TYPICAL RESULTS
1.	Description	Visual	<b>White</b> , translucent, soft unctuous, retaining these characters on storage & when melted& allowed to cool without stirring; not more than slightly florescent by day light, even melted; odorless when rubbed on screen.	Complies
2.	Colour	IP 17/52	0.5 (Y)	0.2Y
3.	Odour	Organoleptic	Nil	Nil
4.	Color	USP 31	Passes	Passes
5.	Congealing Point	ASTM D938	50°C to 56°C	51°C
6.	Drop melting Point	ASTM D127/USP 31	57-60	58.5
7.	Acidity or Alkalinity	USP 31	Neutral	Complies
8.	Fixed oils, fats & resins	USP 31	No ppt or oily matters is Produced	Passes
9.	Specific Gravity @ 25°C	USP 31	0.860 to 0.890	0.867
10.	Consistency @ 25°C	USP 31 / ASTM D937	180-200 dmm	185
11.	Residue on ignition	USP 31	Not more than 0.05%	0.02%
12.	Organic acids	USP 21	To pass	Passes
13.	Polycyclic Aromatic Hydrocarbons	BP 2008	To Pass	Passes
14.	Polynuclear Compounds	FDA 21 CFR 172.880	To Pass	Passes
15.	Kinematic Viscosity @ 99°C	ASTM D445	9 – 12.5	10.5

**Remarks: The above specs confirms to all stated requirements of US Pharmacopeia XXXI, BP 2008, EP 2008 & US FDA 21 CFR 172.880**

**Shelf Life** : 24 months, if stored in a clean, cool and dry area.

**Packaging** : HDPE Drums / Flexi Bag & In Bulk IBC Tank