

POWEROIL PETROLEUM JELLY 2170A8 (WHITE PETROLATUM - USP)

Meets the requirements USP (Current Revision) and US FDA 21 CFR 172.880.

Sr. No.	Test Parameters	Unit	Test Method	Specification		Typical Data
				Min.	Max.	
1.	Appearance / Description	-	Visual	White or faintly yellowish, unctuous mass, transparent in thin layers even after cooling to 0°C.		
2.	Solubility	-	USP	Soluble in benzene, in carbon disulphide, and in chloroform; soluble in ether, in solvent hexane, and in most fixed and volatile oils, slightly soluble in cold or hot alcohol, and in cold dehydrated alcohol, insoluble in water.		
3.	Colour	-	USP	The warm, melted Liquid is not darker than a standard solution.		Complies
4.	Specific Gravity at 60°C	-	USP 841	0.810	0.890	0.828
5.	Melting Range , Class III	°C	USP 741	55	60	59.2
6.	Consistency at 25°C (0.1mm)	-	USP	160	180	172
7.	Acidity	-	USP	No red or pink color is produced		Complies
8.	Alkalinity	-	USP	The solution does not acquire a pink colour.		Complies
9.	Residue on ignition	% wt.	USP 281	-	0.01	< 0.01
10.	Organic Acids	-	USP	Not more than 400 µL of 0.10 N NaOH is required		Complies
11.	Fixed oils, Fats & Resins	-	USP	No oily or solid matter separates		Complies
Additional Test Parameters						
1.	Colour (Lovibond 2" cell)	-	IP 17 A	-	1.0 Y	0.8 Y
2.	Kinematic Viscosity at 100°C	cSt.	ASTM D 445	8.20	9.00	8.40
3.	Flash Point, COC	°C	ASTM D 92	230	-	232
4.	Drop Melting Point	°C	ASTM D 127	58	66	60
5.	Congealing Point	°C	ASTM D 938	49	56	51.2

POWEROIL Petroleum Jelly (White Petrolatum – USP) is a high purity USP grade white Petrolatum formulated from mixtures of oily and waxy long-chain, non-polar hydrocarbons obtained from petroleum, and wholly or nearly decolorized.

Application : Poweroil Petroleum Jelly is used as an ointment base, protective dressing and soothing applications to skin. It is also used in pharmaceutical, cosmetic, printing ink, leather & rubber industry. The product gel offers excellent barrier to moisture and thus prevent moisture loss from skin. Poweroil Petroleum Jelly is used in formulating various cosmetic and personal care preparations like hair conditioners, hand cleaners, lip balms, massage creams, moisturizing lotions, sun care products and in various pharmaceutical applications such as skin protecting ointments etc.