

**POWEROIL PETROLEUM JELLY YELLOW 8190Y**  
(PETROLATUM - USP)

Meets the requirements USP (Current Revision).

Sr. No.	Test Parameters	Unit	Test Method	Specification		Typical Data
				Min.	Max.	
1.	Appearance / Description	-	Visual	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	0.815	0.840	0.820
5.	Melting Range , Class III	°C	USP 741	55	60	58
6.	Consistency at 25°C (0.1mm)	-	USP	180	200	190
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	-	0.10	< 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
<b>Additional Test Parameters</b>						
1.	Colour (Lovibond 2" cell)	-	IP 17 A	4.0 Y	6.0 Y	4.5 Y
2.	Kinematic Viscosity at 100°C	cSt.	ASTM D 445	5.00	7.00	5.82

**POWEROIL Petroleum Jelly Yellow (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 Yellow is used as an ointment base in pharmaceutical, veterinary and cosmetic industries, viz. as a base material for some types of brilliantine, as a corrosion preventive in the metallurgical industry. Further it is applied in the textile industry; in the ink, carbon paper industry & in the foodstuff industry etc.