



YELLOW PETROLEUM JELLY (BP / USP GRADE)
PANGEL YJ

Specifications:

No	Characteristics	Results
1	Description	Yellow translucent soft odourless, tasteless.
2	Solubility	Insoluble in water and alcohol, soluble in chloroform, solvent ether and light petroleum.
3	Melting Range °C	Between 42 to 55
4	U.V absorption of 1cm Layer of 0.05% w/v Soln. In ISO - octane at 290 nm	Extinction, E=0.04 to 0.1 (Limit Max 0.5)
5	Acidity or Alkalinity	Passes the test as per B.P/ USP
6	Fixed Oil, Flat & Rosin	Complies with the BP / USP
7	Foreign Organic Matter	No acrid odour on heating
8	Sulphated Ash	0.08% (Limit max 0.1%)
9	Consistency at 25 °C	Between 150 to 180 (Limit 100 to 300)
ADDITIONAL TESTS		
1	Specific Gravity at 60 °C	0.81 to 0.83
2	Volatile Matter	0.6 to 0.8%
3	Organic Acid	Passes the test
4	Bleeding Number	Maximum 28 mm (Limit - max 30 mm)
5	Carbonisable impurities	-----

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