

PRODUCT SPECIFICATION

PRODUCT: White Petroleum Jelly

GRADE: Snow – white grade 135 / 190

TYPICAL PROPERTIES:

CHARACTERS:

Sr. no.	Characteristic	Test Method	Specification
1	Appearance	Visual	A white, translucent, soft unctuous mass, slightly fluorescent in daylight when melted
2	Solubility	BP / USP	Complies
3	Colour (as per USP)	USP	Complies
4	Colour Lovibond, y	IP 17	Not more than 1.0

IDENTIFICATION (as per BP / Ph. Eur.):

Ref. alphabet	Identification	Test Method	Specification
A	Drop point, °C	BP / Ph. Eur.	35 – 70
C		BP / Ph. Eur.	The solid upper layer is violet pink or brown
D	Appearance	BP / Ph. Eur.	The substance is white. The melted mass is not more intensely coloured than a mixture of 1 volume of yellow primary solution and 9 volumes of 10 g/l solution of <i>hydrochloric acid</i>

IMPURITIES:

Sr. no.	Type of impurity	Test Method	Specification
1	Residue on ignition	USP	Not more than 0.05%
2	Organic acids	USP	Complies
3	Polycyclic aromatic hydrocarbons (PAH)	BP / Ph. Eur.	Complies
4	Fixed Oils, Fats and Rosin	USP	Complies

TESTS:

Sr. no.	Test	Test Method	Specification
1	Alkalinity	USP	Complies
2	Acidity	USP	Complies
3	Consistency at 25°C (0.1 mm)	ASTM D 937	135 – 190
4	Sulphated ash	Ph. Eur.	Not more than 0.05%
5	Kinematic Viscosity at 100 °C, cst	ASTM D 445	3.0 – 11.0
6	Congealing point, °C	ASTM D 938	47 – 52

Remarks: The sample complies with prescribed standards as per USP 36, Ph. Eur, BP specifications and USDA requirements as per 21 CFR 172.880.

This product complies as per ICH Q3C (R4) and USP <467> guidelines for Residual solvents.

PACKING: 170 / 175 / 190 kg Open mouth drums