



RXSOL

CHEMO PHARMA INTERNATIONAL

Technical Data Sheet (TDS)

RXSOL-25-1746-175

Petroleum Jelly

DESCRIPTION :

White translucent soft mass, Unctuous to touch, Odorless and tasteless not more than slightly fluorescent by daylight when melted.

PERFORMANCE STANDARDS

- Jelly resists change in its structure without sweating under normal Operating conditions.
- Essentially Meets IP/BP/USP Standard.

APPLICATION :

This product is used in Industries like

- Cosmetics
- Drugs & Pharmaceuticals
- Food Processing and Handling

KEY BENEFIT :

It exhibits very good lubricity properties, moisture loss resistance to lotions, creams, ointments etc and is used as a vehicle in ointments & other formulations in pharmaceutical / cosmetic industry. Our Petroleum Jellies are stable to light & oxidation and keeps good structure during processing. This product is treated for harmful polycyclic aromatic impurities and it passes the Polycyclic . Aromatic Hydrocarbon test along with other purity norms in the Pharmacopoeia and complies to all the Regulatory requirements as per the European commission.

TECHNICAL SPECIFICATION :

CHARACTERISTICS	:	SPECIFICATION
Description	:	A White Translucent Unctuous Mass, Slightly Fluorescent in daylight when melted, odourless, when rubbed on the skin
Solubility	:	Slightly soluble in Methylene Chloride, insoluble in Water, Ethanol (96%) & Glycerol
Drop Point Deg.C	:	40 - 60
Consistency Dmm	:	100-300
Infrared Absorption of A 0.05 % W/V solution In 2,2,4 - trimethylpentane, at about 290 Nm	:	As per specification
Acidity or Alkalinity	:	As per specification
Polycyclic Aromatic Hydrocarbons	:	As per specification

Sulphated Ash,%	:	0.05 Maximum
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Certificate of Analysis

Product Name : Petroleum Jelly
Part Number : RXSOL-25-1746-175
Batch No : 201910285511
Mfg. Month : October 2019
Exp. Month : Sept. 2022
CAS Number : 8009-03-8

Characteristics	Test Method	Requirement as per PHARMACPIA	Typical Result
Description	Visual	White, 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; odourless when rubbed on screen.	Complies
Colour	IP 17/52	0.5 (Y)	0.2 (Y)
Odour	Organoleptic	Nil	Nil
Colour	UPS 31	Passes	Passes
Congealing Point	ASTM D938	50°C to 60°C	51°C
Drop Melting Point	ASTM D127/ USP 31	57 - 60	58.50
Acidity or Alkalinity	USP 31	Neutral	Complies
Fixed Oil, Fats & Resin	USP 31	No ppt or oily matter is produced	Passes
Specific gravity at 25°C	USP 31	0.860 to 0.890	0.867
Consistency at 25°C	ASTM D937 / USP 31	180 - 200 dmm	185
Residue on ignition	USP 31	Not more than 0.05%	0.02%
Organic Acid	USP 21	To Pass	Passes

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