

CERTIFICATE OF ANALYSIS

SAVOGEL/WHITE PETROLATUM USP

(Manufactured under Drug License No.25 KD - 193 DT / 02.06.2023)

Date of receipt sample : 08.08.2024	Date of testing : 08.08.2024
Name of product : Savogel /White Petrolatum USP	Date of Manufacturing : 08.08.2024
Batch No.: 28608PJ24	Date of Expiry : 08.07.2027
Protocol of tests Applied : USP 43/NF38	Analytical Report No.: F- 28608PJ24

Sr No	Test parameter	Method	USP Specifications	RESULT
1	Definition	USP43/NF 38	White Petrolatum is purified mixture of semisolid hydrocarbons obtained from petroleum, & wholly or nearly decolorized. It may contain a suitable stabilizer	Complies
2	Residue on ignition	USP43/NF 38	It volatilizes without emitting an acrid odour and yields not more than 0.05% residue	Nil
3	Organic acids	USP43/NF 38	NMT 400 µL 0.1N NaOH	Complies
4	Alkalinity	USP43/NF 38	The solution does not acquire a pink colour	Complies
5	Acidity	USP43/NF 38	No red or pink colour is produced	Complies
6	Fixed oils, fats and rosin	USP43/NF 38	No oily or solid matter separates	Complies
7	Colour	USP43/NF 38	The warm melted liquid is not darker than 5 ml of the standard solution	Complies
8	Specific gravity at 60°C	USP43/NF 38	0.815- 0.880	0.8426
9	Melting Range USP class III	USP /ASTM D-127	50°C - 60°C	59.4 °C
10	Consistency@ 25°C	USP43/NF 38	100 dmm -300 dmm	166 dmm
11	Lovibond colour2" cell	IP- 17	0.5Y Max.	0.2Y + 0.0R
12	Melting Point , °C	IQA Method	45 -51	49
13	Drop Point, °C	IP-371	42 -51	50
14	Congeaing Point , °C	ASTM D-938	40 -45	44.2
15	Flash Point , °C	ASTM D-92	150 Min.	230
16	Odour	Internal	Odourless	Odourless
17	Description	USP 43/NF38	White or slight yellow ,unctuous, transparent mass in the thin layers even after cooling to 0°	Complies
18	Solubility	USP 43/NF38	Freely soluble in benzene, in carbon disulfide, and in chloroform ;solution in ether, in solvent hexane and most fixed and volatile oils ,slightly soluble in cold or hot alcohol, and in cold dehydrated alcohol ;insoluble in water	Complies
19	Microbiological Tests a) Total aerobic Microbial count b) Total combined yeast/ molds count c) Escherichia coli d) Pseudomonas aeruginosa e) Staphylococcus aureus	IP -2018	Maximum 1000 CFU/g Maximum 100 CFU/g Absence in 1.0 g Absence in 1.0 g Absence in 1.0 g	<10 cfu/g <10cfu/g Absent Absent Absent

Tested as per USP 43/NF 38 Specifications

(Subject to Product being stored under covered place protected from Sunlight & Moisture)

Signature of Analyst

Opinion & Signature of approved Analyst

Material supplied to :

Quantity : 5950 KGS (35 Drums x 170 kg)

Date : 10.08.2024

Material complies with USP.

FOR SAVITA OIL TECHNOLOGIES LTD

Sr. MANAGER QC/QA
(CHETAN P PACHPANDE)