

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Petroleum Jelly
2. INCI Name	Petrolatum
3. CAS Number	8009-03-8
4. Formula	C ₁₅ H ₁₅ N
5. Batch No & Mfg. Date	As mentioned on Label
6. Date Of Exp	3 Years From MFG Date
7. Date of Analysis	Nov-2024

S.No	Test Properties	Test Method	Specification Limit		Result
			Min	Max	
1	Description	Visual			Complies
2	Colour(Lovibond 2 cell),Y	IP 17/52		1	0.1
3	Lovibond Colour, Red, R	IP 17/52		1.2	1.00
4	Congeaing Point, °C	ASTM D 938	47.00	54.000	49
5	Drop Melting Point, °C	ASTM D 127	53.00	60.00	60
6	Consistency a 25 °C, dmm	ASTM D 937	160	175	168
7	Kinematic Viscosity a 100 °C, cSt	ASTM D 445	5.00	7.000	6.43
8	Colour	USP			Complies
9	Identification - IR Spectrum	BP			Complies
10	Drop Point °C	IP/BP	48.00	55.00	50
11	Specific Gravity @ 60 °C	USP	0.815	0.835	0.824
12	Solubility	BP / Ph.Eur. / IP			Complies
13	Sulphated ash, %	BP / Ph.Eur. / IP		0.050	0.012
14	Residue on ignition, %	USP/NF		0.050	0.014
15	Fixed Oils, Fats, And Rosin	USP			Complies
16	Organic acids	USP/NF			Complies
17	Acidity / Alkalinity	BP / Ph.Eur			Complies
18	Foreign Organic Matter	IP			Complies
19	Light Absorption @ 290 nm	IP		0.500	0.021
20	Polycyclic Aromatic Hydr°carbon	BP			Complies
21	Polynuclear Compounds (172.880)	USFDA 21 CFR 172.880			Complies
22	Purity Status	BP/USP			Passes