

Liquid Paraffin Heavy / Light

Mineral oil ointment base

Product Description

Pharmaceutical-grade Liquid Paraffin (Mineral Oil) in heavy and light grades is used as an ointment base, laxative and emollient in topical and oral preparations. Available to BP/USP standards.

Certificate of Analysis

HSN Code: 2710.19

CAS Number: 8042-47-9

Classification: Pharmaceutical Excipient – Mineral Oil

Parameter	Specification	Test Method
Appearance	Clear colorless oily liquid	Visual
Identification	IR spectrum conforms	IR Spectroscopy
Density Heavy Grade at 20°C	0.860–0.890 g/cm ³	ASTM D4052
Density Light Grade at 20°C	0.818–0.880 g/cm ³	ASTM D4052
Kinematic Viscosity Heavy at 40°C	"e 40 cSt	ASTM D445
Kinematic Viscosity Light at 40°C	16–35 cSt	ASTM D445
Acidity / Alkalinity	Neutral	pH paper test
Sulphur Compounds	Absent	Chemical test
Aromatic Hydrocarbons	Absent (UV absorbance "	UV spectrophotometry
Heavy Metals	"d 5 ppm	ICP-MS

Physical Properties

Appearance: Clear colorless odorless oily liquid

Odor: Odorless

Solubility: Practically insoluble in water and ethanol; miscible with most organic solvents and oils

Packing: 170 kg / 200 kg MS drums; IBC 1000 L; 5 L / 25 L HDPE cans for pharma use

Storage: Store in cool, well-ventilated area. Keep containers tightly sealed to prevent contamination.

Safety & Handling

PPE: Gloves and goggles for bulk handling

Hazards:

- Low toxicity
- Combustible at elevated temperatures
- Aspiration hazard if swallowed