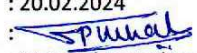


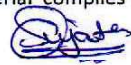
**CERTIFICATE OF ANALYSIS**

FRM/QCD/15

Name of the Product : LIQUID PARAFFIN BP  
 Analytical Report No. : SOTL / LP / 3090  
 Date of Receipt of Sample : 23.11.2023  
 Batch No. : H 432 23 T D1  
 Quantity : 04 DRUMS  
 Customer : KHONA DRUG AGENCIES  
 MANUFACTURED UNDER DRUG LICENCE NO 25 /KV-55 DT 01.11.1988

Sr.No.	Test	Test Method	Specification	Test Results
1	Characters  Appearance  Solubility	VISUAL	A Colourless , Transparent , oily liquid free from fluorescence in day light . Practically insoluble in water , slightly soluble in ethanol ( 96 % ) , miscible with hydrocarbons	A Colourless , Transparent , oily liquid free from fluorescence in day light . Practically insoluble in water , slightly soluble in ethanol ( 96 % ) , miscible with hydrocarbons
2	Identification Test A , B & C First Identification A & C Second Identification B & C A) Examine by infrared absorpction spectrophotometry  B) In a test tube boil 1 ml with 1 ml of 0.1 M Sodium Hydroxide for 30 s on cooling to the aqueous layer add 0.1 ml of phenolphthalein solution R C) Viscosity at 20°C	BP - 2022	comparing with the ph. Eur. reference spectrum of liquid paraffin  The colour turns to red  110 - 230 mPas	Matches with the ph. Eur. reference spectrum of liquid paraffin  Complies  208.63
3	Acidity / Alkalinity To 10 ml add 20 ml boiling water. Shake for 1 min. Seper- ate the aqueous layer & filter. To 10 ml filtrate add 0.1 ml of phenolphthalein solution R. The solution is colourless	BP - 2022	Not more than 0.1 ml of 0.1 M sodium hydroxide is required to change the colour of the indicator to pink	Complies
4	Relative density at 20 °C	BP - 2022	0.827 - 0.890	0.866
5	Polycyclic aromatic hydrocarbons	BP - 2022	Absorbance at 260 - 420 nm is not greater than one third of absorbance at 275 nm of the standard Napthalene solution ( 7 ug /ml )	Complies
6	Readily Carbonisable Substances	BP - 2022	Acid does not become darker than standard colour	Complies
7	Solid Paraffin	BP - 2022	Oil is clear to see black line of 0.5 mm width	Complies
8	Density at 29.5 °C , gm/ cm3	ASTM D- 1298	To Report	0.858

Mfg. Date : 22.11.2023  
 Exp. Date : 21.11.2026  
 Date of Dispatch : 20.02.2024  
 Signature of the Analyst :   
 Opinion of the Approved Analyst : Material complies with BP - 2022

  
 Signature of the Approved Analyst