

Savita Oil Technologies Limited

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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	VISUAL		
			A Colourless , Transparent ,	A Colourless , Transparent ,
	Appearance		oily liquid free from fluorescence	oily liquid free from fluorescence
			in day light .	in day light .
	Solubility		Practically insoluble	Practically insoluble
			in water, slightly soluble in	in water, slightly soluble in
	× .		ethanol (96 %), miscible	ethanol (96 %), miscible
			with hydrocarbons	with hydrocarbons
2	Identification Test A ,B & C	BP - 2022		the state of the s
-	First Identification A & C	5. 2022	comparing with the ph. Eur.	Matches with the ph. Eur.
	Second Identification B & C		reference spectrum of liquid	reference spectrum of liquid
	A) Examine by infrared	1	paraffin	paraffin
	absorption spectrophotometry		paranni	, paraimi
	absorption spectrophotometry			
	B) In a test tube boil 1 ml with	1 1	The colour turns to red	Complies
	1 ml of 0.1 M Sodium Hydroxide		The colour tarris to rea	
	for 30 s on cooling to the			
	aqueous layer add 0.1 ml of			±
	phenolphthalein solution R			
	C) Viscosity at 20°C		110 - 230 mPas	208.63
3		BP - 2022	110 - 250 mm as	200.03
3	Acidity / Alkalinity	DF - 2022	Not more than 0.1 ml of 0.1 M	Complies
	To 10 ml add 20 ml boiling			Compiles
	water. Shake for 1 min. Seper-		sodium hydroxide is required to	-
	ate the aqueous layer & filter.		change the colour of the	
	To 10 ml filtrate add 0.1 ml of		indicator to pink	
	phenolpthalein solution R. The			
	solution is colourless	DD 2000	0.027 0.000	0.866
4	Relative density at 20 °C	BP - 2022	0.827 - 0.890	
5	Polycyclic aromatic		Absorbance at 260 - 420 nm	Complies
	hydrocarbons	BP - 2022	is not greater than one third of	
	2 4		absorbance at 275 nm of the	
			standard Napthalene solution	
	9 11 1		(7 ug /ml)	
6	Readily Carbonisable	BP - 2022	Acid does not become darker	Complies
	Substances		than standard colour	* . Dia
7	Solid Paraffin	BP - 2022	Oil is clear to see black line	Complies
			of 0.5 mm width	
8	Density at 29.5 °C, gm/cm3	ASTM D- 1298	To Report	0.858

Mfg. Date

: 22.11.2023

Exp. Date

Date of Dispatch

: 21.11.2026

Signature of the Analyst

: 20.02.2024

Opinion of the Approved Analyst

: Spunal : Material complies with BP - 2022

Signature of the Approved Analyst

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