

CERTIFICATE OF ANALYSIS

FRM / QCD / 15A

Name of the Product : LIGHT MINERAL OIL NF
Grade : SAVONOL 15
Batch No : L80925TD1
Analytical Report No. : SOTL / LP / 2650
Customer :
Date : 29.12.2025
MANUFACTURED UNDER DRUG LICENCE NO 25 /KV-55 DT 01.11.1988

Sr. No.	Characteristics	Test Method	Specification	Test Results
1	Identification Test	NF 39 /2021		
	A. Infrared Absorption		Matches with standard spectrum	Complies
	B. Viscosity at 40 ± 0.1 °C , $\text{mm}^2.\text{s}^{-1}$		Meets the requirement of test for viscosity	Complies
2	Specific Gravity at 25 °C	ASTM D 1298	0.818 - 0.880	0.831
3	Kinematic Viscosity at 40 ± 0.1 °C , $\text{mm}^2.\text{s}^{-1}$	NF 39 /2021	14 - 17	15.26
4	Acidity	NF 39 /2021	Aqueous layer does not produce pink colouration on addition of phenolphthalein indicator. Not more than 1.0 ml of 0.01N NaOH required to change the colour to pink	Complies
5	Readily Carbonizable Substances	NF 39 /2021	Acid layer does not become darker than standard color	Complies
6	Limit of polycyclic aromatic hydrocarbons	NF 39 /2021	Absorbance at 260 - 350nm is not greater than one third of absorbance at 275 nm of the standard Naphthalene solution (7 ug per mL)	Complies
7	Limit of sulfur compounds	NF 39 /2021	No dark brown colour developed	Complies
8	Solid paraffin	NF 39 /2021	Oil is clear to see black line of 0.5 mm width	Complies
9	Density at 29.5 °C , gm / cc	ASTM 1298	To Report	0.826
10	Flash Point , COC	ASTM D 92	170 Min	196
11	Pour Point , °C	ASTM D 97	-21 Max	-27
12	Viscosity at 37.8 °C , SUS	ASTM D 445	To Report	82
13	Colour Saybolt	ASTM D 156	+30	+30
14	Refractive Index at 20 °C	ASTM D 1747	To Report	1.462

Product meets the requirements of US FDA 21 CFR 172.878 & CFR 178.3620(a) & BP2022, EP10,2020

Mfg. Dt. : 27.12.2025

Exp. Dt. : 26.12.2027

Signature of the Analyst

Opinion of the Approved Analyst

: Material complies with NF 2021

Signature of the Approved Analyst