

CERTIFICATE OF ANALYSIS

Name of the Product : LIGHT MINERAL OIL 180 SUS
Customer : QUIMICA ANASTACIO , ARGENTINA
Batch No. : LDC 18323T
Date : 04.05.2023 Retest Anastacio: 04.05.2026
Quantity : 61 DRUMS
Container No. : CAIU2164330

Sr. No.	Characteristics	Test Method	Specification	Test Results
1	Appearance	Visual	Clear , Colourless	Clear , Colourless
2	Identification Test	USP 44 / 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
3	Specific Gravity at 25 °C	ASTM D 1298	0.845 - 0.905	0.856
3	Kinematic Viscosity at 40 ± 0.1 °C , $\text{mm}^2.\text{s}^{-1}$	ASTM D 445	33.0 - 35.6	35.1
4	Acidity	USP 44 / 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	USP 44 / 2021	Acid layer does not become darker than standard color	Complies
6	Limit of polycyclic aromatic hydrocarbons	USP 44 / 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	USP 44 / 2021	No dark brown colour developed	Complies
8	Solid paraffin	USP 44 / 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	0.851
10	Specific Gravity at 20 °C	ASTM 1298	0.840 - 0.870	0.859
11	Kinematic Viscosity at 37.8 °C , SSU	ASTM D 445	170 - 185	180
12	Odour when heated to 70 °C	Olfactory	Almost Odourless	Odourless


Senior Manager
Quality Control