

Light Liquid Paraffin

DIVYOL Light Liquid Paraffin Oils produced from severely refined hydro cracked / hydro treated base oil with high degree of purity to meet IP / BP / USP specifications have excellent oxidation / UV stability. These oils are suitable for Pharmaceutical, Cosmetics and Food Industries for Direct & Indirect Food Contact.

Divyol LLP is manufactured as per IP/BP & USP standard specification.

Sr. No.	CHARACTERISTICS	IP STANDARD	BP STANDARD	USP STANDARD
1	DESCRIPTION/APPEARANCE	Transparent, colourless, oily liquid, free from floresence by daylight, almost odourless in cold	Colorless, transparent, oily liquid, free from fluorescence in daylight.	Colourless, Transaprent, oily liquid free from fluorescence in daylight
2	SOLUBILITY	Soluble in chloroform, in ether and in light petroleum (boiling range 40°C to 60°C); practically insoluble in water and in ethanol (95%). Miscible with fixed and volatile oils.	Practically insoluble in water, slightly soluble in ethanol (96%), miscible with hydrocarbons.	Insoluble in water and alcohol, soluble in volatile oils, miscible with most fixed oils but not caster oil.
3	IDENTIFICATION	-	A: The infrared absorption spectrum of the sample should be concordant with the reference spectrum of liquid paraffin.	A: Infrared Absorption : Reference Standard
			B: The aqueous phase should become red.	B: Viscosity : It complies with the test for Viscosity
			C: It should comply with the test of viscosity.	
4	SPECIFIC GRAVITY @25°C	-	-	0.818 Min. 0.880 Max.
5	VISCOSITY @ 40 °C, mm ² /s.	-	-	3 Min. 34.4 Max.
6	ACIDITY/ ALKALINITY	The solution is colourless and not more than 0.1 ml of 0.1M sodium hydroxide is required to change the colour of the solution to pink.	Not more than 0.1 ml of 0.1 M sodium hydroxide is required.	Not more than 1 ml of 0.01 N Sodium Hydroxide require to change colour of indicator to pink.
7	RELATIVE DENSITY	Between 0.810 and 0.875.	Between 0.810 and 0.875.	-
8	VISCOSITY	-	Between 25 mPa.s and 80 mPa.s.	-
9	DYNAMIC VISCOSITY @20°C	25 TO 80 MPAS	-	-
10	POLYCYCLICAROMATIC HYDROCARBONS	-	At no wavelength between 260 and 420 nm the absorbance of test solution exceeds one third that of the absorbance of reference solution at 275 nm.	Pass as per USP.
11	WEIGHT PER ML @ 25°C	0.820 TO 0.880 GM.	-	-
12	LIGHT ABSORPTION @240-280nm	0.10 MAX	-	-
13	READILY CARBONISABLE SUBSTANCE	Not darker than standard solution	The lower layer should not be more intensely coloured	Pass as per USP.
14	SOLID PARAFFINS	0.5MM Line visible	The black line, 0.5 mm wide, should be easily seen against a white background held vertically behind the tube.	Pass as per USP.
15	SULPHUR COMPOUND	Complies test	-	Pass as per USP.

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