

## WOAP PHARMA 32

(LIGHT MINERAL OIL – USP) / (LIGHT LIQUID PARAFFIN – EP)

Meets the requirements of US FDA 21 CFR 172.878 & 21 CFR 178.3620(a), USP 32 NF 27 (United State Pharmacopoeia),

EP – 2008 (European Pharmacopoeia) and BP – 2009 (British Pharmacopoeia) Standards.

SR NO	Characteristics	Unit	Test Method	Typical Data	
				Min	Max
1	Appearance		Visual	Transparent, colourless, Oily liquid, free from florescence in daylight, and odourless when cold.	
2	Solubility & Miscibility			Insoluble in water, slightly soluble in ethanol(96%) and miscible with hydrocarbons.	
3	Color, Saybolt		ASTM D 156	+30	-
4	Kinematic viscosity at 40°C	cSt	ASTM D 445	28.8	33.5
5	Dynamic Viscosity at 20°C	mPas	EP-2008	45	55
6	Flash Point, (COC)	°C	ASTM D 92	180	-
7	Pour Point	°C	ASTM D 97	-	-12
8	Specific Gravity at 25°C	-	USP-32	0.820	0.875
9	Relative Density at 20°C	-	EP-2008	0.820	0.875
10	Acidity or Alkalinity	-	USP-32/EP-2008	Not more than 0.1 ml of 0.1 M NaOH	
11	Readily Carbonisable Substances	-	USP-32/EP-2008	Pass	
12	Solid Paraffin	-	USP-32/EP-2008	Pass	
13	Polycyclic Aromatic Hydrocarbon		USP-32/EP-2008	Pass	

**WOAP Pharma 32** (Light Mineral Oil-USP)/(Light Liquid Paraffin-EP) is a high purity USP/EP grade white mineral oil formulated from highly refined hydrotreated low pour point base oils meeting the extreme purity requirements of the European Pharmacopoeia which ensures the absence of any significant sulfur, nitrogen, oxygen and halogen derivatives or unsaturated substances and aromatics.

**Application :** Used in infinite number of applications which includes medical formulations, ointments, laxatives, repository vaccines, hair oils, hair creams, cosmetics, facial creams and lotions, gelatin capsules, protective coating for fruits and vegetables, veterinary preparations, egg preservatives etc.