



## Technical Data Sheet

Head Office : 241, Hae Yang-Ro, Yeong Do-Gu, Busan, Korea Tel +82-51-403-6441 Fax +82-51-403-6440  
Ulsan Plant : 91, Cheoyong-Ro 616 Beon-Gil, Nam-Gu, Ulsan, Korea Tel +82-52-256-7857 Fax +82-52-256-4070

# LUXMOL 5

## White Mineral Oil (Pharmaceutical Grade)

### Product Description

LUXMOL 5 is a product that meets and follows the strict requirement of the pharmaceutical regulations in each country. The product has an excellent quality, which are produced in GMP qualified plant that ensures high safety and stability by special treatment and packing process for sterilizing high-purity raw materials.

\*The facility designed with SUS 316

### Typical Application

- Gelatine capsules for medical treatments
- Ointments and salves
- Animal vaccines
- Other uses for medical treatments (if relevant)

### Features

- HACCP certified
- HALAL certified
- KOSHER certified
- USA FDA, 21 CFR 172.878, 178.3620(a), White Mineral Oil certified
- US Pharmacopeia, European Pharmacopeia passed
- EU REACH (EC number 232-455-8) registered
- CAS No: 8042-47-5 (White Mineral Oil)

### Package Sizes

- 200L STEEL DRUM
- 24,000L IN ISO TANK
- 24,000L IN FLEXIBAG

### Health and Safety

-Detailed health and safety information for this product is provided in the Material Safety Data Sheet (MSDS), available upon request.



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### Product Specification & Typical Properties

Typical Properties	Test Method	Specification	Typical
Appearance	VISUAL	Oily liquid nearly free from fluorescence, clear bright, free of any haze, turbidity, free from foreign matter contamination or water droplets	Oily liquid nearly free from fluorescence, clear bright, free of any haze, turbidity, free from foreign matter contamination or water droplets
Infrared Absorption	USP	The IR spectrum of the sample shall exhibit absorption bands of the same pattern and placement as those exhibited by the standard, with no extraneous bands present.	pass
Odour	-	Odourless	Odourless or very faint oil odour
Colour, Saybolt	ASTM D 156	Min +30	+30
Density 15°C, g/cm	ASTM D 4052	Report	0.8310
Flash point °C	ASTM D 92	Min 145	154
Pour point °C	ASTM D 97	Max -21.0	-33.0
Viscosity, SUS @ 100°F	ASTM D 2161	Max 55	52.0
Viscosity @ 40°C, mm <sup>2</sup> /s	ASTM D 445	6.5 ~ 8.5	7.620
Refractive Index @20°C	ASTM D 1218	Report	1.458
Acidity	USP	No more than 0.1mL of 0.01N Sodium Hydroxide required to change the colour to pink	Pass
Solid Paraffin	USP	A black line of 0.5mm width drawn on a piece of white paper, held vertically behind the bottle, should be clear visible	Pass
Limit of Sulphur Compounds	USP	No dark brown colour should develop	Pass
UV Absorbance 260-350nm	ASTM D 2269	Max 0.1	0.020
Readily Carburizable Substances, 95% H <sub>2</sub> SO <sub>4</sub>	ASTM D 565	The oil should remain colourless or show a slight yellow colour, and the acid will not be darker than the colour produced by the standard	Pass

