

## PROCUREMENT PLAN FOR SILICONE OIL

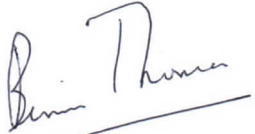
HLL Lifecare Ltd (A Govt of India Undertaking) under the Ministry of Health & Family Welfare, manufactures natural rubber latex Condoms at its factories located at Trivandrum, Cochin and Kanagala (Belgaum). HLL indent to procure Silicone Oil (Di Methicone IP), the key ingredient used as lubricant, while packing condoms in Aluminium foil pouch. The detailed specification and procurement plan is given below:

### Specification of Silicone Oil 350 CST - USP/BP Grade

1. Grade: Matching USP/BP/EP Grade
2. Chemical Name: Poly Dimethyl Siloxane
3. Characteristics - Clear, colourless odourless liquid
4. Acidity: Not more than 0.10ml of 0.050N Alcoholic Potassium hydroxide.
5. Identification: Matches standard spectra
6. Viscosity (at 25 deg.C): 332.5 to 367.5 CST
7. Loss on heating (At 150 deg. C for 2 hours) : 0.3 % maximum
8. Specific gravity (at 25 deg C) - 0.965 to 0.973
9. Refractive index (at 25 deg C) - 1.4013 to 1.4053
10. Phenylated compounds - 0.2 maximum
11. Heavy metals: 5 ppm maximum
12. Assay IR (%) : 97 - 103 %
13. Toxicity: Non-toxic /non-irritant to human skin
14. Other requirements:
  - (1) The supplier has to submit the report of cytotoxicity, skin irritation, skin sensitisation, acute systemic toxicity and acute oral toxicity from Labs having National or International accreditation at a frequency of once in a year.
  - (2) The COA should contain all the parameters in the above specification.

### Approximate Quantity planned for procurement:

- 1) 2021-22 – 700 MT
- 2) 2022-23 – 700 MT
- 3) 2023-24 – 700 MT

  
**General Manager (Purchase)**