

List of Items with Technical Specifications of Laboratory consumables required for DMCs		
Sl. No.	Name of the item	Technical Specifications
1	Sputum container	Cups made of Special Medical Grade Polypropylene, thin plastic, translucent, Diameter - 4cm, Capacity - 30 ml, Screwable Cap should also be made of Special Medical Grade Polypropylene and should be air tight. Leak proof.
2	Slides for Micoroscopes	Glass slides plain, Size = 76mm x 26mm x 1.3mm, clean, scratch free with smooth edges, uniform refractive index, pack of 50.
3	Diamond marker pencil	6" (15.24 cm.) holder with artificial diamond (hard stone) embedded at one end with screw cap, to mark on microscope glass slides
4	Grease marking pencil	Marking Pencil MPS, Blue or red coloured, 8" length, to write on glass ware / metal surfaces.
5	Sulphuric acid	H <sub>2</sub> SO <sub>4</sub> , molecular wt. 98.08, Minimum Assay: 98%, colour: clear
6	Basic Fuchsin	Chemical name :Pararosaniline hydrochloride, chemical structure: C <sub>20</sub> H <sub>20</sub> ClN <sub>3</sub> mol wt:337.86'Dye content: Approx.85%-88%(dye content must be mentioned), Colour: Metallic green.
7	Carbolic acid( phenol)	Chemical name: Phenol, Chemical structure: C <sub>6</sub> H <sub>5</sub> OH, Molecular wt:94.11, Melting point:40°C ± 2, Purity:99.5%
8	Methylene blue	Chemical Name: Methylthionine chloride, Chemical Structure: C <sub>16</sub> H <sub>18</sub> ClN <sub>3</sub> S, molecular Wt: 319.9, Dye content: approx.82% (should be available on the container)
9	Phenolic compound	Household disinfectant, containg phenolic compounds such as monochlorophenol, chloroxylenol, coal Tar Acid, Oils & Emulsifiers etc. The approximate content of phenolic compounds should be at least 40%.
10	Alcohol (absolute)	Ethanol
11	Methylated spirit	Chemical Name: Ethanol denatured + 5% Isopropyl alcohol + 5% Methanol, Molecular structure: C <sub>2</sub> H <sub>5</sub> OH, Molecular wt: 46.07, Purity: 90%

**General requirements:-**

All the chemicals should have the Hazard Communication Standard from Chemical manufacturers and Material Safety Data Sheets (MSDS) for each chemical item should be provided to the purchaser of the product at the time of the order and thereafter, anytime the MSDS is significantly revised. Also, all the chemicals should have their detailed specifications, potency, date of manufacture, date of expiry, batch no. and precautions for use mentioned on the containers.