

SCHEDULE - A.

SPECIFICATIONS OF BLOOD BANK CONSUMABLES

1. Copper Sulphate Pentahydrate Powder.

- i. Blue odorless crystalline solid.
- ii. Formula $\text{CuSo}_4.5\text{H}_2\text{O}$.
- iii. Melting point 150°C .
- iv. Molecular weight 246.48.
- v. Insoluble matter 0.03 maximum in water.

2. Sodium Hypochlorite Solution 10%

- i. Pale yellowish green clear fluid.
- ii. Shall not produce any sludge or turbidity when mix with water.
- iii. Solution to be packed in suitable clean dry airtight glass/plastic container on which the material has no action.
- iv. Should have constituents as per Indian Standard I.S.11673:1992.
- v. The solution shall comply the requirements as grade-II.
- vi. Available chlorine should at least 50g/L. with a half life of 700 days at 25°C .

3. Phenolic based detergent.

- i. Should have the following constitution :
 - i. Surfactant - 1-20%.
 - ii. Benzyl alcohol 0.5-10%.
 - iii. Orthophenyl phenol with Aniopnic detergent 600 ppm.

4. Formaline 40%


- i. Aqueous solution of formaldehyde HCHO.
- ii. Having 40% Formaldehyde by volume or 37% by mass.
- iii. Methanol 7.3% by weight.
- iv. As per ISO 9001: 2008 Standards.

5. Giemsa Stain For Malarial Parasite

- i. Mixture of methylene blue, eosin, azure B in buffered methanol solution.
- ii. Appearance dark blue.
- iii. PH 6.4-7.0.
- v. No bacterial or fungal growth.
- vi. Shelf life 24 months.

6. Methanol

- i. Appearance clear and free of suspended material.
- ii. Acetone - mg./Kg Max. 30 .
- iii. Water % - W/W - Max 0.1
- iv. Specific gravity - 0.791 - 0.793.
- v. Ethanol - mg./kg. Max. 50.
- vi. Chloride - As Cl mg./kg. Max. 0.5
- vii. Sulphur -mg./kg. Max. 0.5
- viii. Non volatile matter - mg./1000 ml. Max. 8.


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