BA044   BORAX CARMINE(GRENACHER'S) AQUEOUS STAIN

Formula

Reagents :

Borax carmine	70.00 g
Distilled water	1000.00 ml.

Directions:

1. Transfer material to 35-50% Borax Carmine Staining solution to stain for 3-24 hours.
2. Drop wise add concentrated HCL with agitating container vigorously until brick red floc of carmine is precipitated. Stand it for 6hours to overnight.
3. Add equal volume of 3% alcoholic HCL and mix with gentle agitation. Keep it till stained material settles. Decant stain repeating the process several times.
4. Cover the material about 3 mm deep in fresh 3% HCL in 70% alcohol in petriplate
5. Remove acid alcohol when cytoplasm is transparent.
6. Wash with two, 5 minutes changes of 80% alcohol, third change for 60 minutes.
7. Dehydrate, clear, mount in resinous medium.
8. Observe under oil immersion lens.

Precautions :

1. For Laboratory Use.
2. Follow proper, established laboratory procedures in handling and disposing of infectious materials.

Use: Nuclear staining.To see nuclei and cytoplasmic organelles in whole organisms.

Quality control:

Appearance: Violet coloured solution

Microscopy:

Nuclei and fibrillar structures	- Deep pink
Cytoplasm	- Transparent

Storage: Below 30°C.

Packing : 100 ml