

CITRATE METHYLENE VIOLET SOLUTION

Methylene Violet 3 RAX
Citric Acid
2 small, clean (100-125ml) glass bottles
Sterile pipets

Distilled water
Foil
Mechanical pipeter
Funnel

Procedure:

1. Weigh 0.1g methylene violet 3 RAX and place in small glass bottle.
2. Add distilled water up to 100ml mark on bottle.
3. Swirl bottle to dissolve media. (This is your 0.1% methylene violet solution.)
4. Weigh 2g citric acid and place in the other small glass bottle.
5. Add 10ml of the 0.1% methylene violet solution to the citric acid bottle.
6. Dilute citric acid solution up to 100ml with distilled water. This solution is ready to use for viability tests.
7. Place 990ul of the “ready to use” methylene violet into 1.5ml eppendorf tubes for cell & viability counting.

Note: Discard solution after 6 months.