

Reynold's Lead Citrate Stain

1.33 gm lead nitrate
1.76 gm sodium citrate
30 ml distilled water

Place in a 50 ml volumetric flask.

Shake vigorously for one minute – then intermittently for 30 minutes.

Add 8 ml of 1N NaOH (freshly prepared from relatively fresh NaOH).

Dilute to 50 ml with distilled water.

Solution should be clear – if not may have to centrifuge.

The solution is most stable if protected from the air. To accomplish this, it may be aliquoted into 20-ml syringes and sealed by inserting the needle of the syringe into a rubber cork.

