

CHLOROPHYLL DILUTION OPTIONS:

1. If you see color in vial before you even begin...
 - From 90% Acetone dispensette, add another 10ml
 - Extraction volume then: **20ml**

If THIS reading is still > 999 goto 2

- If A, then Extraction volume will be **200ml**
- If b, then extraction volume will be **400ml**

2. If the Rb value is > 999

- From screen #3.2, read fluorescence output
- POUR CONTENTS OF TEST TUBE BACK INTO ORIGINAL VIAL
- Get clean 20ml vial

- A If $1000 < \text{fluorescence output} < 1800$

- Using p-1000 pipet 1.0 ml sample into the new vial
- From 90% acetone dispensette, add 9.0ml
- Extraction volume then **100ml**

(If this is taken from the 20mL, then it is 200mL)

- B If fluorescence output > 1800

- Using p-1000 pipet 0.5 ml sample into the new vial
- From 90% acetone dispensette, add 9.5ml
- Extraction volume then **200ml**

(If this taken from the 20mL, then the volume is 400mL)

**** be very careful of where the dispensette is set before using it !! ****

**** be very careful of bubbles in the tip of the dispensette – dispense some to waste before putting acetone in a sample!! ****

****Be careful of your dilution volumes!**

i.e. if you are diluting from the 10ml or the 20ml sample! **