1. Scope and Application

1.1 The scope of this SOP is train researchers...

1.2 The applications of this SOP are for...

2. Summary of Method

2.1 This SOP does this...

Contents

3. Acknowledgements

4. Definitions

4.1 Term1: is...

5. Biases and Interferences

5.1 Biases and interferences can come from...

6. Health and Safety

6.1 Describe the risk...

Safety and Personnnel Protective Equipment

7. Personnel & Training Responsibilities

7.1 Researchers training is required before this the procedures in this method can be used...

7.2 Researchers using this SOP should be trained for the following SOPs:

- SOP01 Laboratory Safety
- SOP02 Field Safety

8. Required Materials and Apparati

8.1 Item 1 w/catalog number!

- Microscope slides (Cat #?????)
- Microscope cover glass
- Pipette or eyedropper
- Tweezers
- Water in a squeeze bottle???
- Paper towels what kind?
- toothpick

9. Reagents and Standards

10. Estimated Time

10.1 This procedure requires XX minutes...

11. Sample Collection, Preservation, and Storage

12. Procedure

12.1 Using tweezers, place the sample on the microscope slide

12.2 Using the pipette or eyedropper, place one to two drops of water on the sample. Depending on the size of the sample you may need more or less water.

12.3 Attain the cover glass and, slowly at a 45°angle, place the cover glass on top of the sample. You may also place one end of the cover glass on the slide and slowly lower the other end using the end of a toothpick. Make sure minimal to no air bubbles are present

12.4 The water should just fill the space between the cover glass and the slide. If there is too much water and the cover glass is floating around, remove some water by holding the edge of a paper towel next to the edge of the cover glass. If there is too little water and some of the space under the cover glass is still dry, add more water by placing a drop right next to the cover glass.

13. Data Analysis and Calculations

14. QC/QA Criteria

15. Trouble Shooting

16. References

16.1 legacy.mos.org/sln/sem/wetmount.html