

	Environmental Analysis Teaching and Research Laboratory	Date: 09/XX/2014	Number: X
	Standard Operating Procedure	Title: mySPIN 12 Microcentrifuge	
	Approved By: TBD	Revision Date: November 11, 2016	

## 1. Scope and Application

**1.1** The scope of this SOP is to train researchers in how to effectively use the Microcentrifuge system.

**1.2** As a researcher, the microcentrifuge is an essential part of the lab. This device will allow for the spinning of relatively small amounts of liquid samples at speeds reaching tens of thousands of g-force.

## 2. Summary of Method

**2.1** This SOP provides instructions on how to use the Thermo Scientific mySPIN 12 Microcentrifuge.

**2.2** This SOP also provides some guidance on how to troubleshoot an issue should any problems arise.

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### **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 Personnel 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!

8.2 Item 2

### **9. Reagents and Standards**

### **10. Estimated Time**

10.1 This procedure requires XX minutes...

## **11. Sample Collection, Preservation, and Storage**

## **12. Procedure**

**12.1** Prepare ...

**12.2**

## **13. Data Analysis and Calculations**

## **14. QC/QA Criteria**

## **15. References**

**15.1** APHA, AWWA. WEF. (2012) Standard Methods for examination of water and wastewater. 22nd American Public Health Association (Eds.). Washington. 1360 pp. (2014).