

	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 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 does this...

### Contents

<b>1</b>	<b>Scope and Application</b>	<b>1</b>
<b>2</b>	<b>Summary of Method</b>	<b>1</b>
<b>3</b>	<b>Acknowledgements</b>	<b>3</b>
<b>4</b>	<b>Definitions</b>	<b>3</b>
<b>5</b>	<b>Biases and Interferences</b>	<b>3</b>
<b>6</b>	<b>Health and Safety</b>	<b>3</b>
<b>7</b>	<b>Personnel &amp; Training Responsibilities</b>	<b>3</b>
<b>8</b>	<b>Required Materials and Apparati</b>	<b>3</b>
<b>9</b>	<b>Reagents and Standards</b>	<b>3</b>
<b>10</b>	<b>Estimated Time</b>	<b>3</b>
<b>11</b>	<b>Sample Collection, Preservation, and Storage</b>	<b>4</b>
<b>12</b>	<b>Procedure</b>	<b>4</b>
<b>13</b>	<b>Data Analysis and Calculations</b>	<b>4</b>

14 QC/QA Criteria	4
15 References	4

### **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).