



## **Instructions for Catalog # 1132QR Air and Emissions Hexavalent Chromium in Impinger Solution**

Revision 102220

### **Description:**

- This standard is packaged in a 15 mL screw top vial containing approximately 14 mL of standard concentrate.
- This concentrate is preserved with approximately 0.1M potassium hydroxide.
- The concentrate can be stored at room temperature.
- The diluted standard will contain the Hexavalent Chromium in the range specified on the data reporting form.

### **Before you begin:**

- This standard has been prepared as a concentrate and must be diluted prior to analysis.
- This standard should be analyzed as soon as possible after the concentrate is diluted.

### **Instructions:**

1. Add 100-200 mL of deionized water to a clean 1000 mL class A volumetric flask.
2. Shake the Hexavalent Chromium in Impinger Solution vial prior to opening.
3. Using a clean, dry, class A pipet, volumetrically pipet 5.0 mL of the concentrate into the 1000 mL volumetric flask.
4. Dilute the flask to final volume with deionized water.
5. Cap the flask and mix well.
6. Immediately analyze the diluted sample by your normal procedures.
7. Report your results as  $\mu\text{g/L}$  for the diluted sample.

### **Safety:**

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