

## Appendix A

### Grading Scheme for Protocols for Determination of Caffeine in a Soft Drink

#### 1. Introduction (10 points)

Does the introduction state the purpose of the lab?

Does the introduction include the reagents, methods, instrumentation, etc.?

#### 2. Procedure (30 points)

Sample preparation

Buffer preparation

Capillary preparation

Sample application

Sample analysis—identification and quantification

#### 3. Overall (5 points)

Is the writing clear and easy to understand?

Is a sound explanation supplied for each task?

Are tasks grouped in reasonable ways?

#### 4. References (5 points)

Are appropriate references to the primary literature included?

Is correct reference format used (see *ACS Style Guide*)?

**5. Prelab Questions (10 points)**

Are helpful questions included?

Are the answers to the prelab questions provided and are they correct answers?

**TOTAL (60 POINTS)**