



Product Performance
Ozone Vacu-vials® Kit, Cat. No. K-7453

Precision

The precision data below is based on replicate analysis of ozone standards prepared in deionized water. Standards were analyzed on a spectrophotometer or CHEMetrics Single Analyte Photometer (I-2023 SAM) during ideal testing conditions. The 95% confidence interval of the distribution was determined from the standard deviation.

| Instrument Platform | Standard Concentration | Precision 95% Confidence Interval |
|----------------------------|-------------------------------|---|
| <i>Spectrophotometer</i> | <i>0.07 mg/L</i> | <i>0.06-0.08</i> |
| <i>Spectrophotometer</i> | <i>0.22 mg/L</i> | <i>0.21-0.23</i> |
| <i>I-2023 SAM</i> | <i>0.07 mg/L</i> | <i>0.06-0.08</i> |
| <i>I-2023 SAM</i> | <i>0.22 mg/L</i> | <i>0.21-0.23</i> |

Sensitivity with a spectrophotometer

Concentration change per 0.010 Abs change: 0.01 mg/L