



Product Performance
Ozone Vacu-vials® Kit, Cat. No. K-7433

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-2022 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>0.16 mg/L</i>	<i>0.15 - 0.17 mg/L</i>
<i>Spectrophotometer</i>	<i>0.54 mg/L</i>	<i>0.52 - 0.56 mg/L</i>
<i>I-2022 SAM</i>	<i>0.16 mg/L</i>	<i>0.15 - 0.17 mg/L</i>
<i>I-2022 SAM</i>	<i>0.54 mg/L</i>	<i>0.52 - 0.57 mg/L</i>

Sensitivity with a spectrophotometer

Concentration change per 0.010 Abs change: 0.02 mg/L

Updated 7/27/2017