

# Uniphos Detector Tube Data Sheet

Direct Reading Length of Stain Type

## Bromine

Br<sub>2</sub>

## SBR-3

TLV (TWA): 0.1 ppm

TLV (STEL): 0.2 ppm

Flammable Range: NA

### Specification:

Measurement Range	Extended	Standard	Extended
	Do not extend	5 - 100 ppm	Do not extend
No. of Pump Strokes		1 (100 mL)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	1.5 minute per pump stroke (100 mL)		
Color Change	White → Yellow		
Shelf Life	2 years		
Storage condition	Below 10°C (50°F)		
Calibration condition	Calibrated at 20°C (68°F) and 50% RH.		
Reaction Principle	Br <sub>2</sub> + o -Tolidine → Yellow reaction product		
Relative standard deviation	± 10 – 15 %		

\* Multiply the observed reading by the correction factor (VCF) to obtain the true concentration.

### Possible Interferences:

Compound	Concentration (ppm)	Interference	Colour change / Comments
Chlorine dioxide		+	Yellow
Nitrogen dioxide		+	Yellow
Chlorine		+	Yellow

### Correction for Environmental Parameters:

Temperature	Not necessary between 0 - 40°C (32 - 104°F).
Relative humidity	Not necessary between 10 - 90 %.



**Manufactured By:** Uniphos Envirotronic Pvt. Ltd.  
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