

# Maleic Anhydride

**SAA-2**

## Specification :

	Extended	Standard	Extended
Measurement Range (SO <sub>2</sub> )	Do not extend	1 - 20 ppm	Do not extend
No. of Pump Strokes		1 (100 ml)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	1.5 minutes per pump stroke (100 mL)		
Color Change	Pink → Yellow		
Detection Limit	0.5 ppm		
Shelf Life	1 year		
Relative standard deviation	± 10 – 15 %		

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

## Reaction Principle :



## Possible Interferences :

Compound	Concentration (ppm)	Interference	Color Change / Comments
Chlorine		+	White
Hydrogen chloride		+	Yellow
Sulfur Dioxide		+	Yellow
Hydrogen cyanide	≤50	No	No Effect

## Correction For Environmental Parameters :

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

## Calibration Of The Tube :

Diffusion tube method.