

# Uniphos Detector Tube Data Sheet

Direct Reading Length of Stain Type

## Aniline

$C_6H_5NH_2$

## SAI-2

TWA (TLV): 2

STEL (TLV): NA

Flammable Range: 1.3 – 11 %

### Specification:

	Extended	Standard	Extended
Measurement Range	Do not extend	2 - 30 ppm	Do not extend
No. of Pump Strokes		1 (100 mL)	
Volume Correction Factor (VCF)*		1.0	
Sampling Time	0.5 minute per pump stroke (100 mL)		
Color Change	White → Yellow		
Shelf Life	1 year		
Storage condition	Below 10°C (50°F)		
Calibration condition	Calibrated at 20°C (68°F) and 50% RH.		
Reaction Principle	$C_6H_5NH_2 + P$ -Dimethylamino -benzyldehyde → Reaction product		
Relative standard deviation	± 10 %		

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

### Possible Interferences:

Compound	Concentration (ppm)	Interference	Colour change / Comments
Amines		+	White – yellow
Ammonia	>70	+	Yellow ring
CO <sub>2</sub>	5%	No	No Effect

### 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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