

Uniphos Dosimeter Tube Data Sheet

Direct Reading Length of Stain Type

Ammonia



LAM - 2

TWA (TLV): 25 ppm

STEL (TLV): 35 ppm

Flammable Range: 15-28%

Specification:

Measurement Range (TWA)	3.1 – 1000 ppm
Scale Range	25 – 500 ppm.hr
Sampling Method	Diffusion
Color Change	Yellow → Blue
Sampling time	0.5 to 8 hours
Storage condition	Below 10°C (50°F)
Calibration condition	Calibrated at 20°C (68°F) and 50% RH.
Reaction Principle	$NH_3 + Acid \rightarrow$ Reaction product
Relative standard deviation	± 10 %

Possible Interferences:

Compound	Concentration (ppm)	Interference	Colour change / Comments
Amines		+	Yellow to Blue
Hydrazine		+	Yellow to Blue

Correction for Environmental Parameters:

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



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