

Uniphos Dosimeter Tube Data Sheet

Direct Reading Length of Stain Type

Hydrogen Sulphide

H₂S

LHS-4L

TLV (TWA): 1 ppm

TLV (STEL): 5 ppm

Flammable Range: 4-44 %

Specification:

Measurement Range	0.2 – 400 ppm.
Scale Range	10 – 200 ppm x Hrs
Sampling Method	Diffusion
Color Change	White → Light brown
Sampling time	0.5 – 48 hrs
Storage condition	Below 10°C (50°F)
Calibration condition	Calibrated at 20°C (68°F) and 50% RH.
Reaction Principle	H ₂ S + Pb(CH ₃ COO) ₂ → PbS + 2CH ₃ COOH
Relative standard deviation	± 10 – 15 %

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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