

Uniphos Dosimeter Tube Data Sheet

Direct Reading Length of Stain Type

1,3 Butadiene

CH₂:CHCH:CH₂

LBU-4L

TLV (STEL): 2 ppm

Flammable Range: 2 -12 %

Specification:

Measurement Range	10 – 200 ppm.Hrs
Sampling Method	Diffusion
Color Change	Pink → Off White
Sampling time	1 – 8 hrs
Storage condition	Below 10°C (50°F)
Calibration condition	Calibrated at 20°C (68°F) and 50% RH.
Reaction Principle	CH ₂ :CHCH:CH ₂ + KMnO ₄ → off white reaction product
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 %.



Manufactured By: Uniphos Envirotronic Pvt. Ltd.
Nahuli (PO), Umbergaon (Tal.)
Valsad (Dist), Gujarat, India – 396108

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