

Uniphos Dosimeter Tube Data Sheet

Direct Reading Length of Stain Type

Carbon Dioxide

CO₂

LCD-8L

TWA (TLV): 5000 PPM

STEL (TLV): 30,000 PPM

Non Flammable

Specification:

Calibration Scale	0.2 – 6 % x Hrs
Measurement Range	0.02 – 12 %
Sampling Method	Diffusion
Color Change	Blue → White
Shelf Life	1 year
Storage condition	Below 10°C (50°F)
Calibration condition	Calibrated at 20°C (68°F) and < 5 % RH.
Reaction Principle	CO ₂ + NaOH → Na ₂ CO ₃ + H ₂ O
Relative standard deviation	± 10 %

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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