

Ethylene Oxide 25/a

Catalog No 6728241

Standard Measuring Range: 25 to 500 ppm
Number of Strokes (n): 30
Time for Measurement: about 6 minutes
Standard Deviation: ± 20 to 30%
Color Change: pale yellow to turquoise green

Ambient Operation Conditions

Temperature: 15 to 30°C
Absolute Humidity: 3 to 15 mg H₂O/L

Reaction Principle

Ethylene oxide + Cr^{VI} → Cr^{III} + various oxidation products

Cross Sensitivity

Alcohols, esters and aldehydes are also indicated, but with different sensitivities. It is impossible to differentiate between them.

Propylene oxide is also indicated, but with a different sensitivity.

Ethylene, ketones and toluene in the TLV range do not interfere.



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PO Box 894

DeMotte, IN 46310

800.952.3293 • 219.987.6825 • fax 219.987.6826

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