

Ethyl Formate 20/a

Order No. 81 03 541

Application Range

Standard Measuring Range:	20 to 500 ppm
Number of Strokes n:	20
Time for Measurement:	approx. 5 min
Standard Deviation:	± 30 %
Color Change:	orange → greenbrown

Ambient Operating Conditions

Temperature:	15 to 40 °C
Absolute Humidity:	1 to 15 mg / L

Reaction Principle

$\text{HCOOC}_2\text{H}_5 + \text{Cr}^{6+} \rightarrow \text{Cr}^{3+} + \text{various oxidation products}$

Cross Sensitivity

At 100 ppm ethyl formate has no effect from: 500 ppm carbon dioxide (CO₂) and 10 ppm carbon monoxide (CO).

