

Information Data Sheet

Detector Tube Ethyl acetate-200

Part No. (US): 10024253

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1. Application

Detection of ethyl acetate (C₄H₈O₂) in air or in technical gases.

2. Detector Tube Sampling Pump

KWIK DRAW (formerly MSA AUER) Gas-Tester[®] I/H, Gas-Tester[®] I / ThumbPump[™]-Sampler, Toximeter[®] II, Uniphos Kwik-Draw[™]-Pump or other suitable detector tubes pumps. Observe respective instructions for use.

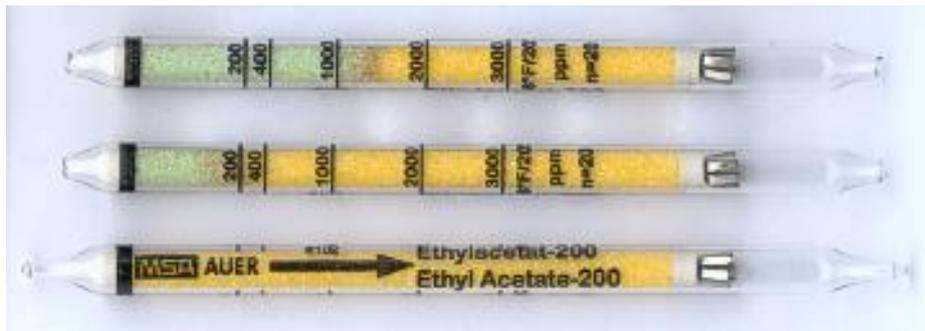
3. Measuring Range

200 ppm ... 3000 ppm ethyl acetate at n = 20 (20 pump strokes).

4. Chemical Reaction and Color Change

Oxidation of ethyl acetate by a chromate/sulfuric acid reagent.

Color change: orange → grey/green.



5. Ambient Conditions During Sampling

Detector tubes can be used between 5 °C and 40 °C [41 °F and 104° F] and between 3 and 15 g H₂O/m³.

The calibration scale on detector tube is exactly valid if tubes have a temperature of 20 °C (68 °F) during measurement. If detector tube temperature deviates from 20 °C (68 °F), multiply reading (ppm) with appropriate correction factor (see table):

Temperature of detector tube (°C)	5	10	15	20	25	30	35	40
Temperature of detector tube (°F)	41	50	59	68	77	86	95	104
Correction factor	2	1,4	1,25	1	0,8	0,7	0,65	0,6

6. Interferences and Cross Sensitivities

Saturated hydrocarbons (e.g. hexane), aromatic hydrocarbons (e.g. benzene), alcohols (e.g. ethanol), cetones (e.g. acetone), ethers and esters will be indicated. The sensitivity of indication is different.

Manufactured By:

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