

# Information Data Sheet



**Detector Tube**      **Aniline-0.5**

**Part No. (US):**      **D7086898**

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**1. Application**

Detection of Aniline in air or in technical gases.

**2. Detector Tube Sampling Pump**

KWIK DRAW Pump, Gas-Tester I/H, Gas-Tester I / ThumbPump-Sampler, Toximeter III, or other suitable detector tubes pumps. Observe respective instructions for use.

**3. Measuring Range**

2 ppm to 30 ppm Aniline at n=5 (5 stroke).  
0.5 ppm to 10 ppm Aniline at n=10 (10 strokes).

**4. Chemical Reaction and Color Change**

Reaction of amino benzaldehyde with aniline produce yellow coloured d stuff.

Color change:    White            →    Yellow

**5. Ambient Conditions During Sampling**

Detector tubes can be used without compensation of the reading in the humidity range between 20 % RH and 80% RH.

Temperature compensation:

Multiply reading (in ppm) with Temperature Correction Factor F.

Temperature (°C)	10	20	30	40
Temp. Correction Factor (F)	1.5	1	0.8	0.7

**6. Interferences and Cross Sensitivities**

Ammonia and Paraffin amines have positive interference when present with Aniline

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