

# Information Data sheet

## PID Pre-Filter Tube Butadiene-0.1

### Part No: D7095869



#### Specifications:

<b>Measuring Range</b>	0.1 - 200 ppm
<b>Gas Flow</b> (with Ion-science instrument)	290 ml/min
<b>Tube Resistance</b>	3-5 mbar

**Humidity:** 0 – 95% RH: Correction Factor

RH	<5%	50%	80%
Correction factor (CF)*	1.0	1.5	1.6

\*Multiply the reading by the CF to obtain true value.

**Colour Change:** None

#### Cross sensitivity

Compound	Test conc. (ppmv)*	Apparent Response on PID Instrument (ppmv)
Acrylonitrile	100	0
Styrene	100	0
Ethylbenzene	200	0
Toluene	100	0
Benzene	100	0.04 ppm
Methane	25000	0
Ammonia	50	0
Propane	1000	0
Hexane	200	0.01 ppm
Cyclohexane	50	0.02 ppm
Vinyl chloride	40	2.7 ppm
1,2-Dichloroethane	40	0
Per chloroethylene	40	0
Trichloroethylene	40	0
Methyl bromide	4.0	0

\*Not necessarily the maximum allowable concentration

**Storage and Transport:** Store unopened tubes in a dark place at 5 °C - 25 °C. Storage in refrigeration is advised. For expiration date see back of the package.

**Safety Advice/Disposal:** Tubes must be kept away from unauthorized persons. Used tubes may contain toxic chemicals absorbed from the test environment. Dispose of tubes according to local regulations. Do not draw any liquid/ water, through the tube that will damage the instrument.

**Note:** Use caution while opening the tube – glass splinter may come off and sharp edges may be created. After expiry date the tube must not be used.

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