

Phenol-1

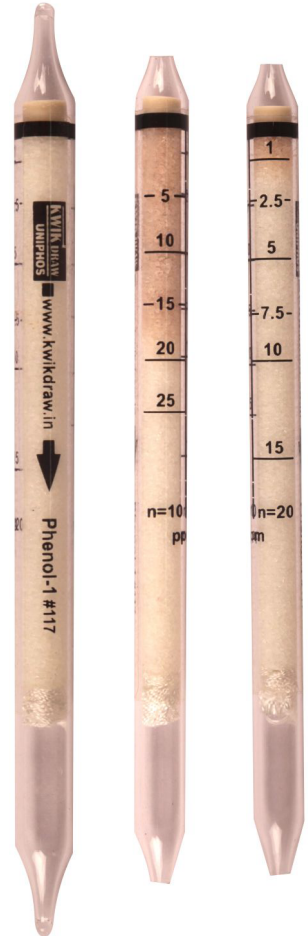
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UNIPHOS

Part No. D5086838

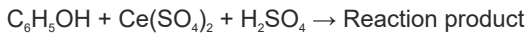
Part No. (US): 813778

Performance:

Measurement Range	1 - 15 ppm	5 - 25 ppm
Number of Strokes	20	10
Sampling Time	15 - 35 seconds per stroke	
Relative Standard Deviation	up to $\pm 25\%$	
Colour Change	Light yellow \rightarrow Grey/brown	



Reaction Principle:



Operating Conditions:

Detector tubes can be used between 0°C and 40°C (32°F and 104°F) and between 1 and 18 mg/l H₂O. Between 0°C and 10°C: multiply the reading by 1.3, between 30°C and 40°C: multiply the reading by 0.8.

Measurement of Furfuryl alcohol:

Furfuryl alcohol can be measured as follows:

n=10	C of Phenol	5	10	15	20	25
	C of Furfuryl alcohol	280	610	920	1200	1500
n=20	C of Phenol	1	2.5	5	10	15
	C of Furfuryl alcohol	-	170	400	880	1350

Interferences and Cross Sensitivities:

Compound	Interference
Cresols	React with nearly same sensitivity as phenol
Benzene, Xylene, Toluene, and other aromatic hydrocarbons without heteroatoms	No interference
Aliphatic Hydrocarbons and Alcohols	No interference

TLV(TWA): 5 ppm

TLV(STEL): N.A.

Flammable Range: 3 - 10%