

# Acrylonitrile-0.5

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UNI PHOS

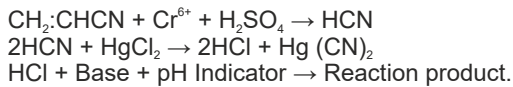
Part No. 10016376

Part No. (US): 10016376

## Performance:

Measurement Range	5 - 30 ppm	1 - 10 ppm
Number of Strokes	3	10
Sampling Time	20 - 30 seconds per stroke	
Relative Standard Deviation	± 15 to ± 25 %	
Colour Change	Blue → Yellow	

## Reaction Principle:



## Operating Conditions:

Detector tubes can be used without compensation of the reading between 0 °C (32 °F) and 40 °C (104 °F). Water vapor between 2 and 15 mg/l (40 % RH at 0 °C [32 °F]; 90% RH at 20°C [68 °F]; 30 % RH at 40°C [104 °F]) will not affect the stain length.

## Interferences and Cross Sensitivities:

Compound	Interference
Acetone, Ethyl acetate, Ethanol, Hexane	No interference up to 2000 ppm(n=10) & 7000 ppm (n=3)
Benzene up to 40 ppm (n=10) & 130 ppm (n=3); Ethyl benzene up to 20 ppm (n=10) & 70 ppm (n=3); Toluene up to 200 ppm (n=10) & 700 ppm (n=3); Styrene up to 100 ppm (n=10) & 330 ppm (n=3)	No interference
Butadiene	Will not be indicated but will shorten the stain length of acrylonitrile



TLV(TWA): 2 ppm

TLV(STEL): N.A.

Flammable Range: 3 - 17%