



## Specifications

<b>Product</b>	:	Acetonitrile
<b>Molecular Formula</b>	:	CH <sub>3</sub> CN
<b>Molecular Weight</b>	:	41.05
<b>CAS No.</b>	:	75-05-8
<b>Product Code</b>	:	1215

TESTS	SPECIFICATIONS	RESULTS
<b>Apperance</b>	Colorless limpid liquid.	Colorless, limpid liquid.
<b>Specific gravity, 20/20° c</b>	0.782-0.785	0.782
<b>Distillation range, °c</b>	80.9~82.0	80.9~82.0
<b>Acetonitrile, % wt</b>	99.9 Min	99.96
<b>Water, % wt</b>	0.05 Max.	0.0068
<b>Copper, ppm</b>	0.3 Max.	<0.15
<b>Iron, ppm</b>	0.3 Max	<0.18
<b>Color, apha/pt- co</b>	10 max	5
<b>Acidity (as CH<sub>3</sub>COOH), %wt</b>	0.005 Max	0.0011
<b>Propionitrile, ppm</b>	500 Max	302
<b>Acrylonitrile, ppm</b>	5 Max.	N.D
<b>Acetone, ppm</b>	5 Max.	N.D
<b>HCN, ppm</b>	10 Max.	1.7
<b>Free Ammonia, ppm</b>	6 Max	4.3
<b>Allyl Alcohol, ppm</b>	30 Max	N.D

## UV Transmittance

Wavelength	Transmittance
200 nm	93% (0.032)
210 nm	96% (0.018)
220 nm	97% (0.013)
230 nm	98% (0.009)
240 nm	99% (0.005)
Gradient Performance	Passes Test