



# Acetonitrile

Synonyms:

Metil cianuro, ACN, Cianometano

| CH <sub>3</sub> CN | Classification                  | Danger                                                                                                                                                                     |
|--------------------|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Molecular weight   | 41.05 ONU                       | 1648   |
| CAS                | 75-05-8 Transport hazard class: | 3                                                                                                                                                                          |
| EEC-N:             | 200-835-2 Packing               | II                                                                                                                                                                         |

Acetonitrile

> RPE - Per analisi - ACS - Reag. Ph.Eur. -  
Reag. USP

Grado Analitico

|                                        |                         |       |
|----------------------------------------|-------------------------|-------|
| Description                            | Clear colourless liquid | -     |
| Colour                                 | <= 10                   | APHA  |
| Identification                         | Positive                | -     |
| Density at 20°C                        | 0.781 - 0.785           | -     |
| Refractive index at 20°C               | 1.3410 - 1.3450         | -     |
| Distillation range 95% distils between | 80 - 82                 | °C    |
| Acidity                                | <=8                     | °eq/g |



|                        |         |       |
|------------------------|---------|-------|
| Alcalinity             | <=0.6   | °eq/g |
| Litmus paper test      | Conform | -     |
| Water (K.F.)           | <= 500  | ppm   |
| Residue on evaporation | <= 10   | ppm   |
| Ca                     | <= 0.2  | ppm   |
| Cu                     | <= 0.05 | ppm   |
| Fe                     | <= 0.2  | ppm   |
| K                      | <= 0.05 | ppm   |
| Mg                     | <= 0.05 | ppm   |
| Na                     | <= 1    | ppm   |
| Pb                     | <= 0.05 | ppm   |
| Zn                     | <= 0.5  | ppm   |
| Assay (GC)             | >= 99.8 | %     |

| ID                 | Size  | Packaging          |
|--------------------|-------|--------------------|
| 000000000401183000 | 1 l   | Bottiglia di vetro |
| 000000000401185000 | 2.5 l | Bottiglia di vetro |



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