# Acetone

**Synonyms:**

**2-Propanone**

| **CH3COCH3** | | **Classification** | | **Danger** |
|---|---|---|---|---|
| Molecular weight | **58.01** | ONU | **1090** |  |
| CAS | **67-64-1** | Transport hazard class: | **3** | |
| EEC-N: | **200-662-2** | Packing | **II** | |

**Acetone** > **RPE - Per analisi - ISO - ACS - Reag.Ph.Eur. - Reag.USP** **Grado Analitico**

| | | |
|---|---|---|
| Description | Clear liquid | - |
| Colour | <= 10 | APHA |
| Identification (I.R.) | Positive | - |
| Water solubility | Conform | - |
| Density at 20°C | 0.790 - 0.792 | - |
| Refractive index at 20°C | 1.3581 - 1.3601 | - |
| Boiling point | 55.8 - 56.3 | °C |

DASITGROUP | CARLO ERBA REAGENTS

**Acetone** > RPE - Per analisi - ISO - ACS - Reag.Ph.Eur. - Reag.USP

**Grado Analitico**

| | | |
|---|---|---|
| Water (K.F.) | <= 0.2 | % |
| Residue after evaporation | <= 10 | ppm |
| Acidity | <= 0.0003 | meq/g |
| Alcalinity | <= 0.0006 | meq/g |
| Ethanol | <= 100 | ppm |
| 2-Propanol | <= 500 | ppm |
| Methanol | <= 500 | ppm |
| Aldehydes | <= 10 | ppm |
| Heavy metals (as Pb) | <= 0.2 | ppm |
| Subs. reducing KMnO4 | <= 2 | ppm |
| Al | <= 0.5 | ppm |
| B | <= 0.1 | ppm |
| Ba | <= 0.1 | ppm |
| Ca | <= 0.5 | ppm |
| Co | <= 0.05 | ppm |
| Cr | <= 0.02 | ppm |
| Cu | <= 0.01 | ppm |
| Fe | <= 0.1 | ppm |
| Mg | <= 0.02 | ppm |
| Ni | <= 0.01 | ppm |

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**Grado Analitico**

| | | |
|---|---|---|
| Pb | <= 0.01 | ppm |
| Sn | <= 0.1 | ppm |
| Zn | <= 0.2 | ppm |
| Assay (GC) | >= 99.8 | % |
| Related substances (GC) | Conform | - |
| Benzene | <= 2 | ppm |
| Diacetyl alcohol | <= 500 | ppm |

| ID | Size | Packaging |
|---|---|---|
| 000000000000400961 | 1 l | Bottiglia di plastica |
| 400961X6 | 6 x 1 L | Bottiglia di plastica |
| 000000000000400962 | 5 l | Tanica di plastica |
| 000000000000400963 | 10 l | Tanica di plastica |
| 000000000000400965 | 2.5 l | Bottiglia di plastica |
| 400965X4 | 4 x 2,5 L | Bottiglia di plastica |
| 000000000000400971 | 1 l | Bottiglia di vetro |
| 400971X6 | 6 x 1 L | Bottiglia di vetro |
| 000000000000400972 | 22 kg | Fusto di metallo |
| 000000000000400974 | 2.5 l | Bottiglia di vetro |
| 400974X4 | 4 x 2,5 L | Bottiglia di vetro |
| 000000000000400978 | 16 kg | Tanica di plastica |

**Acetone** > RPE - Per analisi - ISO - ACS - Reag.Ph.Eur. - Reag.USP

**Grado Analitico**

| ID | Size | Packaging |
|---|---|---|
| 000000000000400979 | 160 kg | Fusto di metallo |

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*CARLO ERBA Reagents operates with a Certified Quality Management System*