



# Propan-2-olo

## Synonyms:

2-Propanolo , Alcole isopropilico , Isopropil alcole , Isopropanolo , IPA

**CH<sub>3</sub>CHOHCH<sub>3</sub>**

## Classification

## Danger

Molecular weight

**60** ONU

**1219**



CAS

**67-63-0** Transport hazard class:

**3**

EEC-N:

**200-661-7** Packing

**II**

## Propan-2-olo

> ERBapharm - Secondo farmacopea:  
Ph.Eur.-USP-Ph.Franc.-BP

**Grado Farmaceutico**

|                                              |                         |         |
|----------------------------------------------|-------------------------|---------|
| Description                                  | Clear colourless liquid | -       |
| Identification (I.R.)                        | Positive                | -       |
| Appearance of solution                       | Clear colourless*       | Ph.Eur. |
| Acidity or alcalinity (ml NaOH 0,01M)        | <= 0.6*                 | mL      |
| Acidity (ml NaOH 0,020N)                     | <= 0.70*                | mL      |
| Peroxide (as H <sub>2</sub> O <sub>2</sub> ) | Conform                 | Ph.Eur. |
| Density d <sub>20</sub> /20                  | 0.785 - 0.789*          | -       |



Propan-2-olo

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|                                                                      |                |               |
|----------------------------------------------------------------------|----------------|---------------|
| Density d25/25                                                       | 0.783 - 0.787* | -             |
| Refractive index at 20°C                                             | 1.376 - 1.378  | -             |
| Water (K.F.)                                                         | <= 0.1         | % (w/w)       |
| Non volatile substances                                              | <= 20          | ppm           |
| Assay (GC)                                                           | >= 99.9        | %             |
| Benzene and related compounds                                        | -              | Ph.Eur.       |
| Benzene                                                              | <= 2           | ppm (Ph.Eur.) |
| Related compounds (total of impurities<br>apart from 2-butanol) (GC) | <= 0.3         | %             |
| Limit of volatile impurities                                         | Conform*       | USP-NF        |
| Limit of methanol (Identification C)                                 | <= 0.02*       | % (V/V)       |
| Individual unspecified impurity                                      | <= 0.1*        | % (V/V)       |
| Individual know impurity                                             | <= 0.1*        | % (V/V)       |
| UV Absorbance                                                        | -              | Ph.Eur.       |
| Total impurities (GC)                                                | <= 1.0*        | % (V/V)       |
| at 230 nm                                                            | <= 0.30        | AU            |
| at 250 nm                                                            | <= 0.10        | AU            |
| at 270 nm                                                            | <= 0.03        | AU            |
| at 290 nm                                                            | <= 0.02        | AU            |
| at 310 nm                                                            | <= 0.01        | AU            |



|                                        |                                                                          |                           |
|----------------------------------------|--------------------------------------------------------------------------|---------------------------|
| <b>Propan-2-olo</b>                    | <b>&gt; ERBApharm - Secondo farmacopea:<br/>Ph.Eur.-USP-Ph.Franc.-BP</b> | <b>Grado Farmaceutico</b> |
| UV Absorbance curve from 230 to 310 nm | Curve with no observable peaks or shoulders                              | Ph.Eur.                   |
| Origin (BSE/TSE)                       | Synthesis                                                                | -                         |
| Residual solvents (Current ICH)        | Conform*                                                                 | -                         |

| ID                 | Size  | Packaging          |
|--------------------|-------|--------------------|
| 000000000000309500 | 200 l | Fusto di metallo   |
| 000000000000309501 | 1 l   | Bottiglia di vetro |
| 000000000000309504 | 25 l  | Fusto di metallo   |
| 000000000000309505 | 2.5 l | Bottiglia di vetro |
| 000000000000309506 | 10 l  | Tanica di plastica |
| 000000000000309507 | 25 l  | Tanica di plastica |
| 000000000000529165 | 5 l   | Tanica di plastica |



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