

# Certificate of Analysis

**PRODUCT :** Water purified ERBApharm According to pharmacopoeia : Ph.Eur.-FU-Ph.Franc.-BP-DAB-USP-JP

**CODE :** 307602

**LOT N° :** V1E672021F

**RE-TEST DATE :** 11/2022

**MOLECULAR WEIGHT :** 18,02

**CAS N° :** 7732-18-5

**FORMULA :** H2O

| TEST                         | U.M.    | SPECIFICATION           | RESULT  |
|------------------------------|---------|-------------------------|---------|
| Description                  | -       | Clear colourless liquid | Conform |
| Identification (I.R.)        | -       | Positive*               | Conform |
| pH at 25°C                   | -       | 5.0 - 7.0               | 6.2     |
| Acidity or alkalinity        | Ph.Eur. | Conform*                | Conform |
| Oxydizable substances        | Ph.Eur. | Conform                 | Conform |
| Chloride                     | -       | Pass test*              | Conform |
| Sulfate                      | -       | Pass test*              | Conform |
| Calcium                      | -       | Conform*                | Conform |
| Calcium + Magnesium          | Ph.Eur. | Conform*                | Conform |
| Carbon dioxide               | -       | Conform*                | Conform |
| Residue on evaporation       | ppm     | <=10                    | 1       |
| Ammonium                     | ppm     | <=0.2*                  | <0.2    |
| Nitrate                      | ppm     | <=0.2*                  | < 0.2   |
| Heavy metals (as Pb)         | ppm     | <=0.1*                  | < 0.1   |
| Total aerobic bacteria       | Ph.Eur. | Conform                 | Conform |
| Origin (BSE/TSE)             | -       | Mineral                 | Conform |
| Production on-line parameter | -       | -                       | -       |
| Total Organic Carbon (TOC)   | ppm     | <= 0.05                 | 0.04    |
| Conductivity at 20°C         | µS/cm   | <= 1.1                  | 0.9     |

Produced according Pharmacopoeia requirements

Total aerobic bacteria conform to European Pharmacopoeia

Not to be used for dialysis solutions or sterile and apyrogenic preparations

This batch has been released by authorized personnel.

\* Parameters marked with \* are tested periodically

It is under the customer responsibility to make sure the purchased product is suitable for his use and/or application.

CARLO ERBA Reagents would not be guilty of any misuse or mishandling of any of its products, occurring potential damages or user hurts in case of inappropriate use.

Approve Date : 15/06/2021

Approved electronically, valid without a signature

**QUALITY CONTROL RESPONSIBLE**

**B. COULANGE (VDR)**