

PROTOCOL

AQUA PURIFICATA (Ph. Eur. 9.4)

Appearance (description of sample – clarity, colour, smell):

| TESTS | Requirement | Results of analysis (value/description) | Evaluation (met/not met requirement) |
|-------------------------------|---|---|---|
| Conductivity | $\leq 4.3 \mu\text{S}\cdot\text{cm}^{-1}$ | | |
| Acidity or alkalinity | colour of solution with methyl red colour of solution with bromthymol blue | | |
| Oxidisable substances | colour of solution after 5 min of boiling | | |
| Chlorides | changes of solution (15 minutes) | | |
| Sulphates | changes of solution (1 hour) | | |
| Ammonium | $\leq 0,2 \text{ ppm } (\mu\text{g/g})$ | | |
| Calcium and magnesium | colour after addition of sodium edetate | | |
| Nitrates | $\leq 0,2 \text{ ppm } (\mu\text{g/g})$ | | |
| Residue on evaporation | maximum 0.001% ($\leq 0.5 \text{ mg}$) | $m_{(\text{empty dish})} [\text{g}]$ $m_{(\text{dish with residue})} [\text{g}]$ $m_{(\text{residue on evaporation})} [\text{g}]$ | |

Conclusion:

Date:

Signature: