



# Specification

1.00713.0000 Sulfuric acid 95-98% EMPROVE® ESSENTIAL Ph Eur,BP,JPE,NF

| Specification   |   |   |
|---|---|---|
| Assay (alkalimetric)  | 95.0 - 98.0                             | % |
| Identity  | passes test                             |   |
| Appearance of solution  | passes test                             |   |
| Chloride (Cl)   | ≤ 0.0002                                | % |
| Nitrate (NO <sub>3</sub> )  | ≤ 0.00010                               | % |
| Nitrate (NO <sub>3</sub> ) (Ph Eur)                                 | passes test                             |   |
| As (Arsenic)  | ≤ 0.000010                              | % |
| Fe (Iron)   | ≤ 0.0002                                | % |
| NH <sub>4</sub> (Ammonium)  | ≤ 0.0005                                | % |
| Pb (Lead)   | ≤ 0.0005                                | % |
| V (Vanadium) *  | ≤ 0.0002                                | % |
| Residual solvents (ICH Q3C)   | ...excluded by<br>production<br>process |   |
| Substances reducing potassium<br>permanganate (as SO <sub>2</sub> ) | ≤ 0.0010                                | % |
| Residue on ignition   | ≤ 0.0050                                | % |

Elemental impurity specifications have been set considering ICH Q3D (Guideline for Elemental Impurities). Class 1-3 elements are not likely to be present above the ICH Q3D option 1 limit, unless specified and indicated (\*).

Corresponds to PhEur, BP, JPE, NF

Expiry date : see product label

Christian Herrmann

Responsible laboratory manager quality control

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