



Specification

1.00807.1000 Trichloroacetic acid for analysis EMSURE® ACS, Reag. Ph Eur

| Specification | | |
|---|--|-----|
| Assay (alkalimetric) | ≥ 99.5 | % |
| Identity (IR-spectrum) | passes test | |
| Appearance | colorless, deliquescent crystals | |
| Appearance of solution (200 g/l; water) | clear and colorless | |
| In water insoluble matter | ≤ 0.01 | % |
| Chloride (Cl) | ≤ 10 | ppm |
| Nitrate (NO ₃) | ≤ 20 | ppm |
| Phosphate (PO ₄) | ≤ 5 | ppm |
| Sulphate (SO ₄) | ≤ 200 | ppm |
| Heavy metals (as Pb) | ≤ 20 | ppm |
| Cu (Copper) | ≤ 5 | ppm |
| Fe (Iron) | ≤ 10 | ppm |
| Readily carbonisable substance | passes test | |
| Sulfated ash (600 °C) | ≤ 300 | ppm |

Dr. Ralf Burgert
Responsible laboratory manager quality control

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