



Specification

1.03053.1000 N,N-Dimethylformamide for analysis EMSURE® ACS,ISO,Reag. Ph Eur

| | Specification | |
|---------------------------|---------------|-------|
| Purity (GC) | ≥ 99.8 | % |
| Identity (IR) | conforms | |
| Appearance | clear | |
| Color | ≤ 10 | Hazen |
| Titration acid | ≤ 0.0005 | meq/g |
| Titration base | ≤ 0.003 | meq/g |
| Density (d 20 °C/20 °C) | 0.949 - 0.952 | |
| Refractive index (n 20/D) | 1.429 - 1.431 | |
| Boiling point | 152 - 154 | °C |
| Al (Aluminium) | ≤ 0.00005 | % |
| B (Boron) | ≤ 0.000002 | % |
| Ba (Barium) | ≤ 0.00001 | % |
| Ca (Calcium) | ≤ 0.00005 | % |
| Cd (Cadmium) | ≤ 0.000005 | % |
| Co (Cobalt) | ≤ 0.000002 | % |
| Cr (Chromium) | ≤ 0.000002 | % |
| Cu (Copper) | ≤ 0.000002 | % |
| Fe (Iron) | ≤ 0.00001 | % |
| Mg (Magnesium) | ≤ 0.00001 | % |
| Mn (Manganese) | ≤ 0.000002 | % |
| Ni (Nickel) | ≤ 0.000002 | % |
| Pb (Lead) | ≤ 0.00001 | % |
| Sn (Tin) | ≤ 0.00001 | % |
| Zn (Zinc) | ≤ 0.00001 | % |
| Evaporation residue | ≤ 0.001 | % |
| Water | ≤ 0.10 | % |

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Responsible laboratory manager quality control

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