



Specification

1.04379.0000 n-Heptane for analysis EMSURE® Reag. Ph Eur

| Specification | | |
|---|---------------|---------|
| Purity (GC) | ≥ 99 | % |
| Identity (IR) | conforms | |
| Color | ≤ 10 | Hazen |
| Free acid (as CH ₃ COOH) | ≤ 0.0005 | % |
| Density (d 20 °C/20 °C) | 0.683 - 0.686 | |
| Refractive index (n 20/D) | 1.387 - 1.388 | |
| Boiling range (97°C-98°C) | ≥ 95 | % (v/v) |
| Aromatic hydrocarbons (as C ₆ H ₆) | ≤ 0.1 | % |
| Sulfur compounds (as S) | ≤ 0.005 | % |
| Readily carbonizable substances | conforms | |
| Al (Aluminium) | ≤ 0.00001 | % |
| 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 | ≤ 0.01 | % |

Ph Eur-reagent

Jeannette David

Responsible laboratory manager quality control

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