



SPECIFICATION SHEET

Product Name : Dichloromethane, Ph. Eur., NF
Product Number : 914.013
Brand : ISOLAB
CAS Number : 75-09-2
Formula : CH₂Cl₂
Formula Weight : 84.93 g/mol

| TEST NAME | SPECIFICATION | UNIT |
|--|-------------------|------|
| Purity (GC) | ≥ 99.0 % | % |
| Stabilizer (Amylene) | 10 - 60 ppm | ppm |
| Appearance | colorless, liquid | |
| Free Acid (as HCl) | ≤ 0.001 % | % |
| Remarks on GC (Ethanol) | ≤ 2.0 vol-% | % |
| Remarks on GC (Methanol) | ≤ 0.02 vol-% | % |
| Remarks on GC (Tetrachlorocarbon) | ≤ 0.001 vol-% | % |
| Remarks on GC (CHCl ₃) | ≤ 0.005 vol-% | % |
| Ethanol, 2-Methylbut-2-ene and volatile IMP | Passes test | |
| Specific gravity (at 25 °C) | 1.318 - 1.322 | |
| Specific gravity (at 20 °C) | 1.320 - 1.330 | |
| Refractive index (N20/d) | 1.423 - 1.425 | |
| Water (Coulometr.) | ≤ 0.02 % | % |
| Evaporation residue | ≤ 0.002 % | % |
| Infrared Spectrum | passes test | |
| Free Chlorine | ≤ 0.0001 % | % |
| Residual Solvents | passes test | |
| Heavy Metals (as Pb) | ≤ 0.0001 % | % |
| Chloride (Cl) | ≤ 0.0003 % | % |
| Formaldehyde (CH ₂ O) | ≤ 0.0001 % | % |
| Copper (Cu) | ≤ 0.0001 % | % |
| Iron (Fe) | ≤ 0.0001 % | % |
| Lead (Pb) | ≤ 0.0001 % | % |
| Benzene Content (C ₆ H ₆) | ≤ 0.0002 % | % |

Quality Management
Isolab Laborgerate GmbH

