



SPECIFICATION SHEET

| | | |
|----------------|---|---------------------------------|
| Product Name | : | Acetonitrile, LC-MS |
| Product Number | : | 901.038 |
| Brand | : | ISOLAB |
| CAS Number | : | 75-05-8 |
| Formula | : | C ₂ H ₃ N |
| Formula Weight | : | 41.05 g/mol |

| TEST NAME | SPECIFICATION | UNIT |
|---------------------------------------|------------------------|------|
| Assay (GC, on anhydrous basis) | ≥ 99.9 % | % |
| Appearance | Clear colorless liquid | |
| Color (APHA, Pt-Co) | < 10 | |
| Propionitrile(GC) | ≤ 0.2 % | % |
| Residue after evaporation | ≤ 0.0002 % | % |
| Water | ≤ 0.01 % | % |
| Acidity | ≤ 0.001 % | % |
| Alkalinity | ≤ 0.0001 % | % |
| Grad. elution H.Peak at 210 nm | ≤ 0.001 AU | AU |
| Grad. elution H.Peak at 254 nm | ≤ 0.0002 AU | AU |
| Grad. elution drift at 210 nm | ≤ 0.012 AU | AU |
| F254 nm (as Quinine) | ≤ 0.00000005 % | % |
| F365 nm (as Quinine) | ≤ 0.00000005 % | % |
| Transmission (at 195 nm) | ≥ 78 % | % |
| Transmission (at 200 nm) | ≥ 95 % | % |
| Transmission (at 230 nm) | ≥ 99 % | % |
| LC/MS Suitability (ESI+/as Reserpine) | passes test | |
| LC/MS Suitability (ESI-/as Reserpine) | passes test | |
| Al (Aluminium) | ≤ 0.00005 % | % |
| Ba (Barium) | ≤ 0.00001 % | % |
| Bi (Bismuth) | ≤ 0.00001 % | % |
| Ca (Calcium) | ≤ 0.000005 % | % |
| Cd (Cadmium) | ≤ 0.000005 % | % |
| Co (Cobalt) | ≤ 0.000002 % | % |
| Cr (Chromium) | ≤ 0.000002 % | % |
| Cu (Copper) | ≤ 0.000002 % | % |

Quality Management
Isolab Laborgerate GmbH





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Formula Weight : 41.05 g/mol

| TEST NAME | SPECIFICATION | UNIT |
|--------------------------------|---------------|------|
| Fe (Iron) | ≤ 0.000002 % | % |
| K (Potassium) | ≤ 0.000005 % | % |
| Lithium(Li) | ≤ 0.00001 % | % |
| Mg (Magnesium) | ≤ 0.00001 % | % |
| Mn (Manganese) | ≤ 0.000002 % | % |
| Mo (Molybdenum) | ≤ 0.00001 % | % |
| Na (Sodium) | ≤ 0.000005 % | % |
| Ni (Nickel) | ≤ 0.000002 % | % |
| Ag (Silver) | ≤ 0.00001 % | % |
| Pb (Lead) | ≤ 0.000002 % | % |
| Tin (Sn) | ≤ 0.00001 % | % |
| Strontium (Sr) | ≤ 0.00001 % | % |
| Zinc (Zn) | ≤ 0.00001 % | % |
| Filtered through 0.2 µm filter | | |

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