
Certificate of Analysis

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| Product: | IsoPropanol, 2-Propanol | CP-D9091P |
| CAS# | 67-63-0 | Lot: J100724CP |
| Formula: | (CH ₃) ₂ CHOH | FW: 60.10 g/mol |
| MDL: | MFCD00011674 | Density: 0.7864 g/cc @ 20C |
| EC: | 200-661-7 | Grade: ACS/USP/NF |

Meets ACS, USP and NF Grade Specifications

| TEST | LIMITS | RESULT |
|---------------------------|-------------------|---------------|
| Appearance | Clear, Colorless | Pass |
| Assay | min 99.5% | 99.97% |
| Carbonyl Compounds | 0.002% | <0.0002% |
| Color (APHA) | 10 | 5 |
| Density (g/mL) @ 20°C | 0.7862 - 0.7870 | 0.7864 |
| Density (g/mL) @ 25°C | 0.7830 – 0.7840 | 0.7831 |
| Boiling Range | 82.3°C +/- 0.1° C | PASS |
| Residue after evaporation | 0.001% | <0.0001% |
| Solubility in water | Passes ACS Test | Pass |
| Titratable Acid or Base | 0.0001 meq/g | <0.0001 meq/g |
| Carbonyl compounds | 0.002% | <0.001% |
| Nickel (Ni) | max. 0.1ppm | <0.02ppm |
| Copper (Cu) | max. 0.1ppm | <0.02ppm |
| Iron (Fe) | max. 0.1ppm | <0.02ppm |
| Heavy metals (as Pb) | max. 0.2ppm | <0.02ppm |
| Water | max. 0.2% | <0.01% |
| Manufacturing Date | | Oct - 2024 |
| Retest Date | | Oct – 2029 |

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