



| Sigma-Aldrich Tetrahydrofuran Specifications Comparison | | | | | | | |
|---|---|--|--|------------------------|--|--|------------------------|
| | CHROMASOLV Plus | Biotech | Anhydrous | Anhydrous | Spectro-photometric | ACS | ReagentPlus |
| Purity | ≥99.9% | ≥99.9% | ≥99.9% | ≥99.9% | ≥99.5% | ≥99% | ≥99% |
| UV Absorption | | | | | | | |
| λ: 212 nm | | ≤1.00 | | | ≤1.00 | | |
| λ: 245 nm | ≤0.30 | | | | | | |
| λ: 250 nm | | ≤0.18 | | | ≤0.18 | | |
| λ: 275 nm | ≤0.05 | | | | | | |
| λ: 300 nm | | ≤0.02 | | | ≤0.02 | | |
| λ: 315 nm | ≤0.004 | | | | | | |
| λ: 350 nm | | ≤0.005 | | | ≤0.005 | | |
| λ: 400 nm | | ≤0.005 | | | ≤0.005 | | |
| Total Impurities | | | | | | | |
| Inhibitor | Inhibitor-free | Inhibitor-free | Inhibitor-free | 250 ppm BHT | Inhibitor-free | 250 ppm BHT | 250 ppm BHT |
| Water | ≤0.05% | ≤0.005% | ≤0.002% | ≤0.002% | ≤0.02% | ≤0.05% | |
| Evaporation Residue | ≤0.001% | | ≤0.005% (100mL) | ≤0.005% (100mL) | ≤0.0005% | ≤0.03% | |
| Titrateable acid | ≤0.002% free acid (as CH ₃ COOH) | | ≤0.0005% | | | | |
| Peroxide | ≤0.05% peroxide (as H ₂ O ₂) | ≤0.005% peroxide (as H ₂ O ₂) | ≤0.002% peroxide (as H ₂ O ₂) | | ≤0.015% peroxide (as H ₂ O ₂) | ≤0.015% peroxide (as H ₂ O ₂) | |
| Packaging Options | | | | | | | |
| | CHROMASOLV Plus | Biotech | Anhydrous | Anhydrous | Spectro-photometric | ACS | ReagentPlus |
| Glass Bottle | 34865 | | | | 242888 | 360589 | 178810 |
| PVC Coated Bottle | 439215 | | | | | 437638 | |
| Sure/Seal™ | | 494461 | 401757 | 186562 | | | |
| Aluminum Bottle | | | | | | 676764 | |
| NOWPAK™ | 34865 | | | | | | |
| Pure-Pac™ | 34865 | 494461 | 401757 | 186562 | | | |
| Carbon Steel | | | | | | 360589 | 178810 |
| Drum | | | | | | 360589 | |