

Specification Sheet (Fermentation Alcohol)

Ethyl Alcohol Absolute, Dehydrated, Anhydrous, 200Proof, Pure Ethanol
(Meets EP/USP/BP/JP/ACS/FCC Grade Monographs & Suitable for AR/HPLC)

| Parameter (Unit) | Specifications |
|--|-----------------------|
| Alcohol Content at 20°C | ≥ 99.5 |
| Appearance | Clear, colourless |
| Solubility | Confirms |
| Flame test | Confirms |
| Boiling point | 77.0 ≤ ... ≤ 79.0 |
| IDENTIFICATION A : Specific gravity | 0.790 ≤...≤0.793 |
| IDENTIFICATION B : IR | Confirms |
| Acidity or alkalinity(as acetic acid) | ≤ 30 |
| UV absorption(240nm) | ≤ 0.40 |
| UV absorption (between 250nm and 260nm) | ≤ 0.30 |
| UV absorption (between 270nm and 340nm) | ≤ 0.10 |
| UV absorption (240/250-260/270-340 nm) | Confirms |
| Methanol | ≤ 100 |
| Acetaldehyde + acetal (as acetaldehyde) | ≤ 10 |
| Benzene | ≤ 2 |
| Sum of all others impurities | ≤ 300 |
| Non-volatile residue | ≤ 25 |
| Water content (PPM) | ≤ 1000 |

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