

# Iso-Propyl Alcohol

[67-63-0] (  $(\text{CH}_3)_2\text{CHOH}$  )FW:60.1

**Product code : 1914-5**

**Birch HPLC Grade**

**Lot-O2R210**

| TESTS                                              | UNIT  | SPECIFICATION | RESULTS |
|----------------------------------------------------|-------|---------------|---------|
| Meets ACS Specification                            |       |               |         |
| Ultraviolet spectrophotometry                      |       |               |         |
| Maximum UV Absorbance                              |       |               |         |
| 205 nm                                             |       | Max. 1.00     | 0.65    |
| 220 nm                                             |       | Max. 0.25     | 0.16    |
| 230 nm                                             |       | Max. 0.13     | 0.08    |
| 254 nm                                             |       | Max. 0.02     | 0.011   |
| UV Cutoff                                          | nm    | Max. 205      | <205    |
| Assay (by GC)                                      | %     | Min. 99.9     | 99.9    |
| Color (APHA)                                       |       | Max. 10       | 2       |
| Water                                              | %     | Max. 0.05     | 0.01    |
| Residue after evaporation                          | ppm   | Max. 2        | <1      |
| Titrateable acid or base                           | mEq/g | Max. 0.0001   | <0.0001 |
| Carbonyl Compounds (as propionaldehyde or acetone) | %     | Max. 0.002    | <0.002  |
| Solubility in Water                                |       | To pass test  | pass    |

Mfg. Date : 2024-02-27

Exp. Date : 3 years after Mfg. Date

Test Method : ACS 11th Edition

Tested By : Jong-sun,Won

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