

PRODUCT SPECIFICATION

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|---------------------|---|
| Product Description | Ethanol Denatured IPA, 70% |
| Grade | In Vitro Diagnostic (IVD) |
| Product Code | IETOH(70)006-2.5P, IETOH(70)006-3.8P, IETOH(70)006-10P, IETOH(70)006-25P |
| Synonyms | Denatured Ethyl Alcohol, 70% |
| CAS Number | 64-17-5 (Ethanol), 67-63-0 (Isopropyl Alcohol), 7732-18-5 (Water) |

| Test | Test Method | Specification | Unit |
|------------------------------------|-----------------|---------------|-------------------|
| Identification (FTIR) | LQP-22-SOP-T009 | Conform | - |
| Purity Assay (FTIR) | | | |
| 1) Ethanol | LQP-22-SOP-T008 | 70 – 72 | % |
| 2) Isopropyl Alcohol as denaturant | LQP-22-SOP-T008 | 3.5 – 3.6 | % |
| 3) Water Content | LQP-22-SOP-T008 | 24.4 – 26.5 | % |
| Non-Volatile Matter | LQP-22-SOP-T004 | ≤ 1.0 | mg/100mL |
| Specific Gravity (at 20°C) | ASTM D4052 | 0.869 – 0.889 | - |
| Density (at 20°C) | ASTM D4052 | 0.866 – 0.886 | g/cm ³ |
| Solubility in water | ASTM D1722 | Pass | - |
| Appearance | LQP-22-SOP-M001 | Clear | - |

Notes: 1) Product filtered through a 0.2 micron filter.

Date 04/1/2023
Revision R3