

## PRODUCT SPECIFICATION

Product Description	Ethanol, Denatured IPA
Grade	AR
Product Code	IETOH011-2.5P, IETOH011-3.8P
Synonyms	Ethyl Alcohol, Reagent alcohol
Molecular Formula	C <sub>2</sub> H <sub>6</sub> O
CAS Number	64-17-5 (Ethanol), 67-63-0 (Isopropyl Alcohol)

Test	Test Method	Specification	Unit
Purity Assay (GC)	LQP-22-SOP-T006		
1) Ethanol (after denaturing)		94.0 – 96.0	%
2) Isopropyl Alcohol		4.0 – 6.0	%
Water Content	ASTM E1064	≤ 0.5	%
Acidity	LQP-22-SOP-T001	≤ 0.0003	meq/g
Alkalinity	LQP-22-SOP-T007	≤ 0.0002	meq/g
Non-Volatile Matter	LQP-22-SOP-T004	≤ 0.3	mg/100mL
Density (at 20°C)	ASTM D4052	0.791 – 0.795	g/cm <sup>3</sup>
Solubility in water	ASTM D1722	Pass	-
Appearance	LQP-22-SOP-M001	Clear	-

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

Date 14/1/2021  
Revision R3