

PRODUCT SPECIFICATION

Product Description	Ethanol Denatured IPA, 70%
Grade	AR
Product Code	IETOH(70)011-2.5P, IETOH(70)011-3.8P, IETOH(70)011-25P
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
Chemical analysis using FTIR	LQP-22-SOP-T008	Conform	-
Purity Assay (FTIR)			
1) Ethanol	LQP-22-SOP-T008	70 – 72	%
2) Isopropyl Alcohol	LQP-22-SOP-T008	3.5 – 3.6	%
3) Water Content	LQP-22-SOP-T008	24.4 – 26.5	%
Acidity	LQP-22-SOP-T001	≤ 0.0003	meq/g
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 25/1/2021
Revision R1