

PRODUCT SPECIFICATION

Product Description	Ethanol, Absolute
Grade	HPLC
Product Code	AETOH010-2.5, AETOH010-4.0
Synonyms	Absolute alcohol
Molecular Formula	C ₂ H ₆ O
CAS Number	64-17-5

Test	Test Method	Specification	Unit
Purity Assay (GC)	LQP-22-SOP-T006	≥ 99.9	%
Water Content	ASTM E1064	≤ 0.20	%
Acidity	LQP-22-SOP-T001	≤ 0.0002	meq/g
Alkalinity	LQP-22-SOP-T007	≤ 0.0002	meq/g
Non-Volatile Matter	LQP-22-SOP-T004	≤ 0.1	mg/100mL
Density (at 20°C)	ASTM D4052	0.788 – 0.792	g/cm ³
UV Absorbance	LQP-22-SOP-T005		
205 nm		≤ 1.000	a.u.
225 nm		≤ 0.500	a.u.
230 nm		≤ 0.200	a.u.
254 nm		≤ 0.050	a.u.
265 nm		≤ 0.010	a.u.
Solubility in water	ASTM D1722	Pass	-
Appearance	LQP-22-SOP-M001	Clear	-

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

Date 28/12/2020

Revision R3