

PRODUCT SPECIFICATION

Product Description	Acetonitrile
Grade	AR+
Product Code	ACN012-2.5, ACN012-4.0
Synonyms	Methyl Cyanide, Cyanomethane, Ethanenitrile
Molecular Formula	C ₂ H ₃ N
CAS Number	75-05-8

Test	Test Method	Specification	Unit
Purity Assay (GC)	LQP-22-SOP-T006	≥ 99.8	%
Water Content	ASTM E1064	≤ 0.1	%
Acidity	LQP-22-SOP-T001	≤ 0.0005	meq/g
Alkalinity	LQP-22-SOP-T007	≤ 0.0006	meq/g
Non-Volatile Matter	LQP-22-SOP-T004	≤ 0.3	mg/100mL
Density (at 20°C)	ASTM D4052	0.779 – 0.783	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 23/12/2020

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