

## PRODUCT SPECIFICATION

Product Description	Acetone
Grade	HPLC
Product Code	ACE010-2.5, ACE010-4.0
Synonyms	Dimethyl ketone, Propan-2-one
Molecular Formula	C <sub>3</sub> H <sub>6</sub> O
CAS Number	67-64-1

Test	Test Method	Specification	Unit
Purity Assay (GC)	LQP-22-SOP-T006	≥ 99.8	%
Water Content	ASTM E1064	≤ 0.2	%
Acidity	LQP-22-SOP-T001	≤ 0.0003	meq/g
Alkalinity	LQP-22-SOP-T002	≤ 0.0006	meq/g
Non-Volatile Matter	LQP-22-SOP-T004	≤ 0.5	mg/100mL
Density (at 20°C)	ASTM D4052	0.789 – 0.793	g/cm <sup>3</sup>
UV Absorbance	LQP-22-SOP-T005		
330 nm		≤ 1.000	a.u.
335 nm		≤ 0.300	a.u.
340 nm		≤ 0.100	a.u.
350 nm		≤ 0.020	a.u.
400 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 23/12/2020

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