

**Product Name****Acetone****Grade: UV Spectroscopy****Synonyms**

Propan-2-one, Dimethyl ketone, 2-Propanone, Dimethyl carbonyl

**CAS Number**

67-64-1

**General Information**

<b>Chemical formula:</b>	C <sub>3</sub> H <sub>6</sub> O	<b>Molar Mass:</b>	58.08 g/mol
<b>Appearance:</b>	Colorless liquid	<b>Density:</b>	0.79 g/cm <sup>3</sup> (20 °C)
<b>Solub. in water:</b>	Soluble (20 °C)	<b>Melting point:</b>	-95.4 °C
<b>Boiling point:</b>	56.2 °C (1013 hPa)	<b>Flash point:</b>	< -20°C
<b>Storage temp.:</b>	below +30 °C	<b>Cautions:</b>	Highly flammable, irritant
<b>R:</b>	11- 36 -66 67	<b>S:</b>	9-16-26
<b>HS-No.:</b>	2914 11 00	<b>EC-Index-No.:</b>	606-001-00-8

**Hazard Symbol****Specification**

Assay (GC)	≥ 99.5	%
Color	≤ 10	APHA
Residue after evaporation	≤ 0.001	%
Solubility in water	Conforms	
Titration acid	≤ 0.0003	meq/g
Titration base	≤ 0.0006	meq/g
Aldehyde (as HCHO)	≤ 0.002	%
Isopropyl alcohol	≤ 0.05	%
Methanol	≤ 0.05	%
Substances reducing permanganate	Conforms	
Water	≤ 0.5	%
UV Absorption		
up to 400 nm	≤ 0.01	AU
at 350 nm	≤ 0.02	AU
at 340 nm	≤ 0.1	AU
at 330 nm	≤ 1.00	AU
Filtered through 0.2µm filter		

**Ordering Information**

Volume:	1 L	2.5 L	5 L	10 L	20 L
<b>Plastic</b>	-	-	-	-	-
<b>Glass</b>	213.15.01000.01	213.15.02500.01	-	-	-