



Product Specification

Product Name: ACETONE AR

Alternate Name(s) Dimethyl Ketone; 2-Propanone.

Description

Clear liquid with a characteristic odour.

Properties

Chemical Formula: CH₃COCH₃

Molecular Weight: 58.08

Product Code: AA008

CAS No.: 67-64-1

General Information:

Miscible with water, alcohol, ether, chloroform and most oils. Flammable; dangerous fire risk. Explosive limits in air 2.6 - 12.8%.

Hazard and Safety Data

UN Group: II
Class: 3
UN Number: 1090
Hazchem code: •2YE
CS MSDS Code: 3CH9K
Poison schedule: S5
Emergency
Procedure Guide No.: 14

Quality Specification

Assay: 99.5% min.

Specific Properties and Impurities [Typical levels]:

Colour (APHA)	10
Residue after evaporation	0.001%
Solubility in water	Passes test
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	Passes test
Water (H ₂ O)	0.5%
Aluminium (Al)	0.00005%
Barium (Ba)	0.000005%
Boron (B)	0.00001%
Cadmium (Cd)	0.000005%
Calcium (Ca)	0.00005%
Chromium (Cr)	0.000005%
Cobalt (Co)	0.000002%
Copper (Cu)	0.000002%
Iron (Fe)	0.00005%
Lead (Pb)	0.000005%
Magnesium (Mg)	0.00005%
Manganese (Mn)	0.000002%
Molybdenum (Mo)	0.000002%
Nickel (Ni)	0.000002%
Tin (Sn)	0.000002%
Zinc (Zn)	0.00005%

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