

Technical Datasheet

Article no.: 2647

Acetone puriss., Ph. Eur., BP (min. 99.5 %)

CH₃COCH₃

For laboratory use.

Parameter	Value
CAS no.	67-64-1
Appearance/condition	Clear, colourless liquid
Melting point	-94 – -95 °C
Boiling point	55.6 – 56.7 °C
Density (20 °C)	0.788 – 0.793 g/ml
Molar mass	58.08 g/mol
Assay (GC, on anhydrous basis)	99.5 – 100.0 %
Identity A, B, C	complies
Appearance of the solution	complies
Acidity or alkalinity	complies
Reducing substances	complies
Relative density	0.790 – 0.793
Residue on evaporation	max. 0.005 % w/w
Water (KF)	max. 0.3 % w/w
Related substances	complies
Methanol (CH ₃ OH)	max. 0.05 %
2-Propanol (C ₃ H ₇ OH)	max. 0.05 %
Benzene (C ₆ H ₆)	max. 0.0002 % v/v
Other impurities	max. 0.05 %
Chromium (Cr)	max. 0.1 ppm
Copper (Cu)	max. 0.1 ppm
Iron (Fe)	max. 0.1 ppm

Technical Datasheet

Article no.: 2647

Acetone puriss., Ph. Eur., BP (min. 99.5 %)

CH₃COCH₃

Parameter	Value
Iridium (Ir)	max. 0.1 ppm
Manganese (Mn)	max. 0.1 ppm
Molybdenum (Mo)	max. 0.1 ppm
Nickel (Ni)	max. 0.1 ppm
Osmium (Os)	max. 0.1 ppm
Palladium (Pd)	max. 0.1 ppm
Platinum (Pt)	max. 0.1 ppm
Rhodium (Rh)	max. 0.1 ppm
Ruthenium (Ru)	max. 0.1 ppm
Vanadium (V)	max. 0.1 ppm
Zinc (Zn)	max. 0.1 ppm
Miscibility with water, alcohol, ether	complies

Version no. 2