Technical Datasheet

Article no.: 2670

Acetone MOS (99.8 – 100.0 %)

CH_3COCH_3

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)	99.8 – 100.0 %
Colour (APHA)	max. 10
Residue on evaporation	max. 0.0005 % w/w
Water (KF)	max. 0.3 % w/w
Acidity (as CH_3COOH)	max. 0.002 %
Alkalinity (as NH_3)	max. 0.001 %
Methanol (CH_3OH)	max. 0.05 %
2-Propanol (C_3H_7OH)	max. 0.05 %
Chloride (Cl)	max. 0.2 ppm
Phosphate (PO_4)	max. 0.05 ppm
Heavy metals (as Pb)	max. 0.5 ppm
Dilution test	complies
Silver (Ag)	max. 10 ppb
Aluminium (Al)	max. 50 ppb
Arsenic (As)	max. 5 ppb
Gold (Au)	max. 20 ppb

Th. Geyer GmbH & Co. KG
Dornierstr. 4-6
D-71272 Renningen
Tel.: +49 7159 1637-0
Fax: +49 7159 1637-710
sales@thgeyer.com
www.thgeyer.com

BW-Bank (Swift/BIC SOLADEST600)
IBAN DE85600501010002036302
Postbank Stuttgart (Swift/BIC PBNKDEFFXXX)
IBAN DE32600100700000020708

St.-Nr. 70093/40018 / USt-IdNr. DE147510304
Amtsgericht Stuttgart / HRA-Nr. 254140
Persönlich haftende Gesellschafterin:
Geyer Beteiligungsgesellschaft mbH
Amtsgericht Stuttgart / HRB-Nr. 252035
Geschäftsführer: Lutz-Alexander Geyer / Ralf Streicher
Oliver-Alexander Geyer / André Meise

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Parameter	Value
Boron (B)	max. 10 ppb
Barium (Ba)	max. 20 ppb
Beryllium (Be)	max. 10 ppb
Bismuth (Bi)	max. 20 ppb
Calcium (Ca)	max. 25 ppb
Cadmium (Cd)	max. 10 ppb
Cobalt (Co)	max. 10 ppb
Chromium (Cr)	max. 10 ppb
Copper (Cu)	max. 10 ppb
Iron (Fe)	max. 20 ppb
Gallium (Ga)	max. 10 ppb
Germanium (Ge)	max. 10 ppb
Potassium (K)	max. 25 ppb
Lithium (Li)	max. 10 ppb
Magnesium (Mg)	max. 20 ppb
Manganese (Mn)	max. 10 ppb
Molybdenum (Mo)	max. 10 ppb
Sodium (Na)	max. 25 ppb
Niobium (Nb)	max. 30 ppb
Nickel (Ni)	max. 10 ppb
Lead (Pb)	max. 10 ppb
Antimony (Sb)	max. 10 ppb
Silicon (Si)	max. 30 ppb

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Parameter	Value
Tin (Sn)	max. 20 ppb
Strontium (Sr)	max. 10 ppb
Tantalum (Ta)	max. 30 ppb
Titanium (Ti)	max. 10 ppb
Thallium (Tl)	max. 10 ppb
Vanadium (V)	max. 10 ppb
Zinc (Zn)	max. 20 ppb
Zirconium (Zr)	max. 10 ppb
Particle count > 0.5 µm	max. 100 P/ml
Particle count >1.0 µm	max. 8 P/ml
Filtered through 0.2 µm	
Filled under inert gas	

Version no. 2

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