

AL0322 2-Propanol, VLSI grade

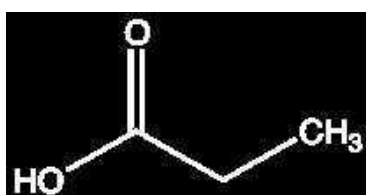


assay (G.C.) min. 99,8 %
 identity (IR-spectrum) passes test
 density (20°/4°) 0,784 - 0,786
 solubility in water passes test
 acidity max. 0,0002 meq/g
 alkalinity max. 0,0001 meq/g
 chlorides (Cl) max. 0,00002 %
 phosphates (as PO₄) max. 0,00005 %
 aluminium (Al) max. 0,1 ppm
 arsenic and antimony (as As) max 0,01 ppm
 boron (B) max 0,01 ppm
 calcium (Ca) max. 0,1 ppm
 chromium (Cr) max. 0,1 ppm
 copper (Cu) max. 0,1 ppm

gold (Au) max. 0,1 ppm
 iron (Fe) max. 0,1 ppm
 lead (Pb) max. 0,1 ppm
 magnesium (Mg) max. 0,1 ppm
 manganese (Mn) max. 0,1 ppm
 nickel (Ni) max. 0,1 ppm
 potassium (K) max. 0,1 ppm
 sodium (Na) max. 0,1 ppm
 tin (Sn) max. 0,1 ppm
 titanium (Ti) max. 0,1 ppm
 zinc (Zn) max. 0,1 ppm
 residue on evaporation max. 0,0005 %
 water (K.F.) max. 0,05 %

ART. NO.	VOLUME	CONTAINER
AL03221000	1 l	Ø
AL03222500	2,5 l	Ø

PROPIONIC ACID



- Synonyms: Methyl acetic acid
- C₃H₆O₂
- M = 74,08 g/mol
- CAS [79-09-4]
- EINECS-No.: 201-176-3
- Density: 0,99 g/cm³
- Solub. in water: (20 °C): miscible
- Melting point: -22 °C
- Boiling point: 140 - 142 °C
- Flash pt. 49 °C
- Ignition temp.: 485 °C
- Vapour pressure: (20 °C) 2,9 hPa
- Refraction index: (n 20 °C/D) 1,386

- LD 50 (oral, rat): 2600 mg/kg
- EC-Index-No.: 607-089-00-0
- ADR: 8 CF1 II UN 3463
- IMDG: 8 II UN 3463
- IATA/ICAO: 8 II UN 3463
- GHS-signal word: Danger
- GHS-H sentences: H314 - H226
- GHS-P sentences: P210 - P241 - P303 + P361 + P353 - P305 + P351 + P338 - P405 - P501a
- Tariff number: 2915 50 00 00
- Applications: analytical chemistry, laboratory reagent, synthesis of organic products, for the synthesis of: esters, solvents, perfumery.

AC1891 Propionic acid, EssentQ®



assay (acidimetric) min. 99 %
 identity (IR-spectrum) passes test
 density (20°/4°) 0,993 - 0,994
 chlorides (Cl) max. 0,001 %
 iron (Fe) max. 5 ppm
 residue on evaporation max. 0,01 %
 heavy metals (as Pb) max. 5 ppm

water (K.F.) max. 0,1 %

ART. NO.	VOLUME	CONTAINER
AC18911000	1 l	Ø
AC18912500	2,5 l	Ø
AC1891005P	5 l	Ø
AC1891025P	25 l	Ø

AC1894 Propionic acid, ExpertQ®, for analysis, ACS, Reag. Ph Eur



assay (acidimetric) min. 99,7 %
 identity (IR-spectrum) passes test
 density (20°/4°) 0,993 - 0,994
 density (20°/20°) 0,994 - 0,996
 refractive index n₂₀/D 1,386 - 1,388
 colour (Hazen) max. 20
 boiling point 140 - 142 °C
 miscibility with water passes test

chlorides (Cl) max. 0,0005 %
 heavy metals (as Pb) max. 5 ppm
 iron (Fe) max. 5 ppm
 carbonyl compounds (as C₂H₅CHO) max. 0,002 %
 oxidizing substances (as HCOOH) max. 0,10 %
 substances darkened by H₂SO₄ passes test
 residue on evaporation max. 0,0005 %
 water (K.F.) max. 0,05 %

ART. NO.	VOLUME	CONTAINER
AC18941000	1 l	Ø
AC18942500	2,5 l	Ø