

AL0322 2-Propanol, VLSI grade

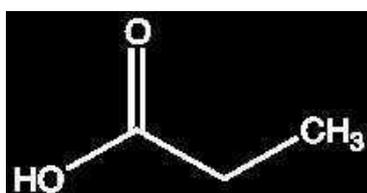


assay (G.C.) min. 99,8 %
identity (IR-spectrum) passes test
density (20°/4°) 0,784 - 0,786
solubility in water passes test
acidity max. 0,0002 meq/g
alkalinity max. 0,0001 meq/g
chlorides (Cl) max. 0,00002 %
phosphates (as PO₄) max. 0,00005 %
aluminium (Al) max. 0,1 ppm
arsenic and antimony (as As) max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