

33539 2-Propanol Puriss. p.a., ACS Reagent, Reag. ISO, Reag. Ph. Eur., ≥99.8% (GC)

Specyfikacja:

| Property | Value |
|-------------------------------|---|
| APPEARANCE (COLOR) | Colorless |
| MINOR COMPONENT 2 | METHANOL |
| DENSITY D20/4 | 0.784 - 0.786 |
| REFRACTIVE INDEX N20/D | 1.377 - 1.378 |
| BOILING RANGE (ASTM) | 81 - 83 DEG C |
| SOLUBILITY | IN WATER: PASSES TEST |
| WATER (COULOMETR.) | 0 - 0.1 % |
| RESIDUE (EVAPORATION) | 0 - 0.001 % |
| REDUCING SUBSTANCES | <= 0.0005 % RMNO4 RED. MATTER (AS O) |
| PEROXIDES | <= 0.00034 % AS H2O2 |
| ALUMINIUM (ICP) | 0 - 0.5 ppm |
| APPEARANCE (FORM) | Liquid |
| BARIUM (ICP) | 0 - 0.1 ppm |
| BISMUTH (ICP) | 0 - 0.1 ppm |
| BORON (ICP) | 0 - 0.02 ppm |
| CALCIUM (ICP) | 0 - 0.5 ppm |
| CADMIUM (ICP) | 0 - 0.05 ppm |
| COBALT (ICP) | 0 - 0.02 ppm |
| CHROMIUM (ICP) | 0 - 0.02 ppm |
| COPPER (ICP) | 0 - 0.02 ppm |
| IRON (ICP) | 0 - 0.1 ppm |
| POTASSIUM (ICP) | 0 - 0.5 ppm |
| COLOR (IN APHA) | 0 - 10 APHA |
| LITHIUM (ICP) | 0 - 0.1 ppm |
| MAGNESIUM (ICP) | 0 - 0.1 ppm |
| MANGANESE (ICP) | 0 - 0.02 ppm |
| MOLYBDENUM (ICP) | 0 - 0.1 ppm |
| SODIUM (ICP) | 0 - 1 ppm |
| NICKEL (ICP) | 0 - 0.02 ppm |
| LEAD (ICP) | 0 - 0.1 ppm |
| TIN (ICP) | 0 - 0.1 ppm |
| STRONTIUM (ICP) | 0 - 0.1 ppm |
| ZINC (ICP) | 0 - 0.1 ppm |
| TITRATABLE ACID | FREE ACID <= 0.00074 % AS C2H5COOH |
| SUBSTANCES DARK BY H2SO4 | PASSES TEST |
| CARBONYL COMPOUNDS | <= 0.002 % AS ACETONE AND PROPIONALDEHYDE |
| RECOMMENDED RETEST PERIOD | 36 MONTHS |
| TITRATABLE BASE | FREE ALKALI <= 0.00017 % AS NH3 |
| PURITY (GC AREA %) | 99.8 - 100 % rel |
| GC MINOR COMPONENT 1 (AREA %) | 0 - 0.01 % rel |
| GC MINOR COMPONENT 2 (AREA %) | 0 - 0.1 % rel |
| MINOR COMPONENT 1 | ETHANOL |

Właściwości fizyczne:

| Property | Value |
|--------------------|--|
| Vapor pressure | 33 mmHg (20 °C) |
| Vapor density | 2.1 (vs air) |
| Cation traces | Fe: ≤0.1 mg/kg |
| Impurities | ≤0.001% non-volatile matter |
| Density | 0.784 - 0.786 g/cm ³ |
| Grade | puriss. p.a. |
| Expl. lim. | 2 % |
| Autoignition temp. | 750 °F |
| Assay | ≥99.8% (GC) |
| Refractive index | <i>n</i> _{20/D} 1.3770-1.3780 |
| Bp | 82 °C(lit.) |
| Mp | -89.5 °C(lit.) |
| Solubility | H ₂ O: in accordance |
| Boiling point | 77 - 83 °C |
| Freezing point | -90 °C |

Informacje dot. bezpieczeństwa:

| Property | Value |
|-----------------|--------------|
| Flashpoint | 12 °C |
| Hazard Class | 3 |
| Package Group | II |
| UN ID | 1219 |