Product Specification

Product Name:
Isopropyl alcohol - ≥99.7%, FCC, FG

Product Number: W292907
CAS Number: 67-63-0
MDL: MFCD00011674
Formula: C3H8O
Formula Weight: 60.10 g/mol

TEST

Appearance (Color)
Colorless

Appearance (Form)
Liquid

Refractive index at 20 °C
1.377 - 1.380

Infrared spectrum
Conforms to Structure

Purity (GC)
> 99.7%

Boiling Point by DSC
81.3 - 83.3 °C

Water (by Karl Fischer)
< 0.2%

Solubility (Turbidity)
Clear

Solubility (Color)
Colorless

10ml/40ml water
< 10 ppm

Residue on Evaporation
< 0.7840

Specific Gravity
Pass

Substances reducing (by MnO4)
Pass

Acidity
Pass

Arsenic (As)
< 3 ppm

Cadmium (Cd)
< 1 ppm

Mercury (Hg)
< 1 ppm

Lead (Pb)
< 1 ppm

Expiration Date Period
5 Years

Specification: PRD.8.ZQS.10000003921

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.