Isopropyl Alcohol
U.S.P.

Material No.: 3031-19
Revision No.: 0

Product Specification

Meets U.S.P Requirements, GMP Manufactured Product

Test	Specification
USP – Assay ($CH_3CHOHCH_3$) (by GC)	≥ 99.0 %
USP – Appearance (clear, colorless liquid)	Passes Test
USP – Identification A	Passes Test
USP – Identification B	Passes Test
USP – Identification C (Methanol)	≤ 0.02 %
USP – Specific Gravity at 25°/25°C	0.783 – 0.787
USP – Acidity (mL)	≤ 0.70
USP – Nonvolatile Residue	≤ 0.005 %
USP – Refractive Index, $n^{20}D$	1.376 – 1.378
USP – Water (H_2O)	≤ 0.5 %
USP – Volatile Impurities – Methanol	≤ 0.02 %
USP – Volatile Impurities – Ethyl ether	≤ 0.1 %
USP – Volatile Impurities – Acetone	≤ 0.1 %
USP – Volatile Impurities – Diisopropyl ether	≤ 0.1 %
USP – Volatile Impurities – 1-Propanol	≤ 0.1 %
USP – Volatile Impurities – 2-Butanol	≤ 0.1 %
USP – Volatile Impurities – Total	≤ 1.0 %
USP – Individual unspecified impurities	≤ 0.1 %
USP – Benzene	≤ 2 ppm

For questions on this Product Specification please contact Technical Services at 855.282.6867 or +1.610.386.1700
Avantor Performance Materials, LLC
100 Matsonford Rd, Suite 200, Radnor, PA 19087. U.S.A. Phone 610.386.1700

Material No.: 3031-19

Test	Specification

GMP Manufactured Product
Bulk Pharmaceutical Chemical
CAUTION: For Manufacturing, processing or repackaging
Residual solvents â€“ Only the Class 2 solvent cyclohexane and Class 3 solvents are likely to be present. Cyclohexane is controlled below the USP 467 Option 1 limit. All Class 3 solvents are less than 0.5%.

Packaging Site: Paris Mfg Ctr & DC