Product Specification Sheet

Pristine® Isopropyl Alcohol, HPLC

Product Number: 1914-5

Product Information	
Formula	$(CH_3)_2CHOH$
Molecular Weight (g/mol)	60.1
Grade	HPLC
CAS Number	67-63-0
Beilstein/REAXYS Number	635639
EC Number	200-661-7
MDL number	MFCD00011674
UNSPSC Code	12352104
Exp. Date after Mfg. Date	3 years
Test Method	ACS 11th Edition

Specifications	
Meets ACS Specification	Yes
Appearance (color)	Colorless
Form	Liquid

Purity (GC area %)	Min 99.9%
Assay (by GC)	Min 99.9 %
Color (APHA)	Max 10
Water	Max 0.05 %
Residue after evaporation	Max 2 ppm
Titratable Acid	Max 0.0001 mEq/g
Titratable Base	Max 0.0001 mEq/g
Carbonyl Compounds (as Propionaldehyde or	Max 0.002%
Ultraviolet Spectrophotometry	
UV Absorbance 205 nm	Max 1
UV Absorbance 220 nm	Max 0.25
UV Absorbance 230 nm	Max 0.13
UV Absorbance 254 nm	Max 0.02
UV Cutoff	Max 205 nm

Physical Properties	
Vapor Pressure	33 mmHg (20 °C)
Vapor Density	2.1 (vs air)
Boiling Point	82 °C (lit.)

Melting Point	−89.5 °C (lit.)
Density	0.785 g/mL at 25 °C (lit.)
Autoignition Temp.	750 °F
Explosion Limit	2.0-12.7 %, 93 °C
Refractive Index	n20/D 1.377(lit.)