

## Specification Sheet

**Product Name:** **Isopropyl Alcohol**  
**Specifications & Purity:** for preparative chromatography, 99.8%  
**SKU #** **I112023**

<b>Parameter</b>	<b>Limit Values</b>
Density (20°C)	0.785-0.789
total of impurities apart from 2-butanol	0-0.3 (%)
Alkalinity	0-0.0002 (mg/g)
Isopropylether (GC)	0-0.01 (%)
Water by Karl Fischer	0-0.05 (%)
Total combined yeasts/moulds count (TYMC)	0-10 (cfu/g)
Acidity	0-0.0002
Absorbance at 270 nm	0-0.03
Absorbance at 250 nm	0-0.1
Density (25°C)	0.783-0.787
Absorbance at 290 nm	0-0.02
Refractive index n <sub>20</sub> /D	1.376-1.378
Bacterial endotoxins	0-2.5 (IU/ml OR u/ml)
Absorbance at 230 nm	0-0.3
Absorbance at 310 nm	0-0.01
Total aerobic microbial count (TAMC)	0-100 (cfu/g)
Evaporation Residue	0-0.0001 (mg/L)
Benzene and related substances (GC)	0-2 (ppm)
Purity(GC)	99.8-100 (%)
Appearance (I112023)	Colorless Liquid
Bile-tolerant gram-negative bacteria (absent in 1 g)	passes test
Candida albicans (absent in 1 g)	passes test
Escherichia coli (absent in 1 g)	passes test
Infrared spectrum	Conforms to Structure
Peroxides	Conforms
Pseudomonas aeruginosa (absent in 1 g)	passes test
Salmonella (absent in 10 g)	passes test
Staphylococcus aureus (absent in 1 g)	passes test
The absorption curve is smooth	Conforms