

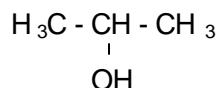


INTERMEDIATES

Sales Specification

Rev. 7 08/03

Isopropyl Alcohol Anhydrous-Semiconductor Grade 1 (IPA-SG1)



Properties	Test Methods	Sales Specifications
Acidity, as acetic acid, wt.%	BRCP 4454	0.0013 max.
Color, Platinum-Cobalt Scale	BRCP 4270	10 max.
Distillation Range, °C (°F)	BRCP 4330	1.0°C (1.8°F) range including 82.3°C (180.1°F)
Non-volatile Matter, ppm	BRCP 4535	4 max.
Purity, wt.%	BRCP 5290	99.8 min.
Specific Gravity @ 20°C	BRCP 4843	0.7862 - 0.7870
Specific Gravity @ 25°C	BRCP 4843	0.783 - 0.784
Water Content, wt.%	BRCP 5051	0.05 max.
Water Miscibility	BRCP 4466	Clear and Miscible
Aluminum	BRCP 4450	50 ppb max.
Calcium	BRCP 4450	100 ppb max.
Iron	BRCP 4450	50 ppb max.
Magnesium	BRCP 4450	50 ppb max.
Potassium	BRCP 4450	100 ppb max.
Sodium	BRCP 4450	100 ppb max.
CAS Registry Number - 67-63-0		
Typical Flash Point, TCC, 54° F		

For more information, to request samples and/or to place orders, call: 1 (800)
663-4109