

Isopropyl Alcohol 70%

GMP Grade

Grade: USP/NF

Catalog number: 211000GMP

Test	Mono-graph	Specification	Typical Result
Assay (by specific gravity of distillate)	USP	0.950 - 0.955 @ 25°C	0.953
Assay (by volume)	USP	68.0 - 72.0%	69.7 %
Water (by volume)	Internal	28.0 - 32.0%	30.3 %
Specific Gravity @ 20°C	USP	0.872-0.883	0.8786
Appearance	Internal	Clear	Pass
Color APHA	Internal	5 max	1
Identification	Internal	Conforms to IR Spectrum	Pass
Limit of Non-Volatile Residue	USP	NMT 5 mg	0 mg
Acidity	USP	NMT 1.0 ml of 0.020N NaOH required for neutralization	0.3 ml
Ag (Silver)	USP<232>	Lot Analysis	0.00 ppm
As (Arsenic)	USP<232>	Lot Analysis	0.00 ppm
Au (Gold)	USP<232>	Lot Analysis	0.00 ppm
Ba (Barium)	USP<232>	Lot Analysis	0.00 ppm
Cd (Cadmium)	USP<232>	Lot Analysis	0.00 ppm
Co (Cobalt)	USP<232>	Lot Analysis	0.00 ppm
Cr (Chromium)	USP<232>	Lot Analysis	0.00 ppm
Cu (Copper)	USP<232>	Lot Analysis	0.00 ppm

Test	Mono-graph	Specification	Typical Result
Hg (Mercury)	USP<232>	Lot Analysis	0.00 ppm
Ir (Iridium)	USP<232>	Lot Analysis	0.00 ppm
Li (Lithium)	USP<232>	Lot Analysis	0.00 ppm
Mo (Molybdenum)	USP<232>	Lot Analysis	0.00 ppm
Ni (Nickel)	USP<232>	Lot Analysis	0.00 ppm
Os (Osmium)	USP<232>	Lot Analysis	0.00 ppm
Pb (Lead)	USP<232>	Lot Analysis	0.00 ppm
Pd (Palladium)	USP<232>	Lot Analysis	0.00 ppm
Pt (Platinum)	USP<232>	Lot Analysis	0.00 ppm
Rh (Rhodium)	USP<232>	Lot Analysis	0.00 ppm
Ru (Ruthenium)	USP<232>	Lot Analysis	0.00 ppm
Sb (Antimony)	USP<232>	Lot Analysis	0.00 ppm
Se (Selenium)	USP<232>	Lot Analysis	0.00 ppm
Sn (Tin)	USP<232>	Lot Analysis	0.00 ppm
Tl (Thallium)	USP<232>	Lot Analysis	0.00 ppm
V (Vanadium)	USP<232>	Lot Analysis	0.00 ppm

Certification and Compliance Statements

This product has been processed and packaged in compliance with excipient Good Manufacturing Practices.

This product complies with all of the current requirements listed in the United States Pharmacopeia and National Formulary Monographs. This product is made with USP grade IPA and purified water. 0.22 micron filtered.

This product is not derived, nor does it come in contact with, any materials derived from bovine or other animal sources.

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