

PRODUCT IDENTITY

PRODUCT NAME	Isopropyl Alcohol(IPA)	PRODUCT NUMBER	I112018
Grades & Purity	Suitable for molecular biology, ≥99.5%(GC)	VERSION	3
CAS NUMBER	67-63-0	FORMULA	C ₃ H ₈ O
FORMULA WEIGHT	60.10g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Manganese(Mn)	0-0.02 (ppm)
Lithium(Li)	0-0.1 (ppm)
Zinc(Zn)	0-0.1 (ppm)
Cadmium(Cd)	0-0.05 (ppm)
Calcium(Ca)	0-0.5 (ppm)
Purity(GC)	99.5-100 (%)
Aluminum(Al)	0-0.5 (ppm)
Barium(Ba)	0-0.1 (ppm)
Chromium(Cr)	0-0.02 (ppm)
Bismuth(Bi)	0-0.1 (ppm)

PARAMETER	SPECIFICATION / LIMIT
Sodium(Na)	0-0.5 (ppm)
Nickel(Ni)	0-0.02 (ppm)
Cobalt (Co)	0-0.02 (ppm)
Evaporation Residue	0-0.001 (mg/L)
Potassium(K)	0-0.5 (ppm)
Iron(Fe)	0-0.1 (ppm)
Copper(Cu)	0-0.02 (ppm)
Magnesium (Mg)	0-0.1 (ppm)
(Pb)Lead	0-0.1 (ppm)
Strontium(Sr)	0-0.1 (ppm)
Molybdenum(Mo)	0-0.1 (ppm)
DNases	none detected
Insoluble matter	pass
phosphatases	none detected
proteases	none detected
RNases	none detected
Appearance(I112018)	Colorless low Melting Solid or liquid

PARAMETER	SPECIFICATION / LIMIT
Infrared spectrum	Conforms to Structure
Acetone	0-0.002 (%)
Carbonyl Compounds(as Propional dehyde)	0-0.002 (%)
Water by Karl Fischer	0-0.2 (%)
Residue on Evaporation	0-0.001 (%)
Titrateable Acid or Base	0-0.0001 (meq)