

PRODUCT IDENTITY

PRODUCT NAME	Acetic Acid, Glacial 99%	PRODUCT NUMBER	A433220
Grades & Purity	Moligand™, PrimorTrace™, ≥99%	VERSION	3
CAS NUMBER	64-19-7	FORMULA	CH ₃ CO ₂ H
FORMULA WEIGHT	60.05g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Assay(alkalimetric)	99.8-102.5 (%)
Appearance(A433220)	Colorless clear liquid
Infrared spectrum	Conforms to Structure
Chloride (Cl-)	0-1 (ppm)
Phosphate(PO ₄ ³⁻)	0-1 (ppm)
Sulfate(SO ₄ ²⁻)	0-0.5 (ppm)
Silver (Ag)	0-1 (ppb)
Aluminum(Al)	0-1 (ppb)
Arsenic(As)	0-0.5 (%)
Barium(Ba)	0-0.5 (ppb)

PARAMETER	SPECIFICATION / LIMIT
Beryllium(Be)	0-0.1 (ppb)
Bismuth(Bi)	0-0.1 (ppb)
Calcium (Ca)	0-1 (ppb)
Cadmium(Cd)	0-0.5 (ppb)
Cerium(Ce)	0-0.1 (ppb)
Cobalt (Co)	0-0.1 (ppb)
Chrome(Cr)	0-1 (ppb)
Cesium (Cs)	0-0.1 (ppb)
Copper(Cu)	0-0.5 (ppb)
Dysprosium(Dy)	0-0.1 (ppb)
Erbium(Er)	0-0.1 (ppb)
Europium(Eu)	0-0.1 (ppb)
Iron(Fe)	0-1 (ppb)
Gallium(Ga)	0-0.1 (ppb)
Gadolinium (Gd)	0-0.1 (ppb)
Germanium (Ge)	0-0.5 (ppb)
Hafnium(Hf)	0-0.1 (ppb)

PARAMETER	SPECIFICATION / LIMIT
Mercury (Hg)	0-1 (ppb)
Holmium(Ho)	0-0.1 (ppb)
Indium(In)	0-0.1 (ppb)
Potassium(K)	0-1 (ppb)
Lanthanum(La)	0-0.1 (ppb)
Lithium(Li)	0-0.1 (ppb)
Lu	0-0.1 (ppb)
Magnesium (Mg)	0-0.5 (ppb)
Manganese(Mn)	0-0.5 (ppb)
Molybdenum(Mo)	0-0.5 (ppb)
Sodium(Na)	0-1 (ppb)
Neodymium(Nd)	0-0.1 (ppb)
Nickel(Ni)	0-0.5 (ppb)
Praseodymium(Pr)	0-0.1 (ppb)
Platinum(Pt)	0-0.5 (ppb)
Rb	0-0.1 (ppb)
rhenium(Re)	0-0.1 (ppb)

PARAMETER	SPECIFICATION / LIMIT
Vanadium (V)	0-0.5 (ppb)
Tungsten(W)	0-0.5 (ppb)
Lead(Pb)	0-0.1 (ppb)
Rhodium (Rh)	0-0.5 (ppb)
Ruthenium (Ru)	0-0.5 (ppb)
Antimony(Sb)	0-0.5 (ppb)
Scandium(Sc)	0-0.1 (ppb)
Selenium(Se)	0-1 (ppb)
Samarium(Sm)	0-0.1 (ppb)
Sn (Tin)	0-0.5 (ppb)
Strontium(Sr)	0-0.5 (ppb)
Terbium(Tb)	0-0.1 (ppb)
Te	0-0.5 (ppb)
Th	0-0.1 (ppb)
Titanium(Ti)	0-0.5 (ppb)
Thallium(Tl)	0-0.1 (ppb)
Thulium(Tm)	0-0.1 (ppb)

PARAMETER	SPECIFICATION / LIMIT
uranium(U)	0-0.1 (ppb)
Yttrium(Y)	0-0.1 (ppb)
Ytterbium(Yb)	0-0.1 (ppb)
Zinc(Zn)	0-1 (ppb)
Zirconium(Zr)	0-0.1 (ppb)