

PRODUCT IDENTITY

PRODUCT NAME	Hydrogen peroxide solution	PRODUCT NUMBER	H433859
Grades & Purity	Moligand™, Premium-Grade Reagents, Suitable for Analysis	VERSION	3
CAS NUMBER	7722-84-1	FORMULA	H ₂ O ₂
FORMULA WEIGHT	34.01g/mol		

ACCEPTANCE CRITERIA

PARAMETER	SPECIFICATION / LIMIT
Appearance(H433859)	Colorless Liquid
Assay(manganometric)	30-102.5 (%)
Color test (APHA)	0-10
Chloride (Cl-)	0-0.5 (ppm)
Nitrate(NO ₃)	0-2 (ppm)
Phosphate(PO ₄)	0-1 (ppm)
Free acid(as H ₂ SO ₄)	0-30 (ppm)
Sulfate(SO ₄ ²⁻)	0-1 (ppm)
Heavy metals(as Pb)	0-1 (ppm)

PARAMETER	SPECIFICATION / LIMIT
Aluminum(Al)	0-0.5 (ppm)
Arsenic(As)	0-0.01 (%)
Barium(Ba)	0-0.05 (ppm)
Bismuth(Bi)	0-0.1 (ppm)
Calcium(Ca)	0-0.2 (ppm)
Total Nitrogen	0-4 (ppm)
Cadmium(Cd)	0-0.01 (ppm)
Cobalt (Co)	0-0.01 (ppm)
Chromium(Cr)	0-0.02 (ppm)
Copper(Cu)	0-0.01 (ppm)
Iron(Fe)	0-0.05 (ppm)
Germanium (Ge)	0-0.05 (ppm)
Potassium(K)	0-0.1 (ppm)
Lithium(Li)	0-0.01 (ppm)
Magnesium (Mg)	0-0.05 (ppm)
Manganese(Mn)	0-0.01 (ppm)
Molybdenum(Mo)	0-0.02 (ppm)

PARAMETER	SPECIFICATION / LIMIT
Sodium(Na)	0-0.1 (ppm)
Nickel(Ni)	0-0.02 (ppm)
Lead(Pb)	0-0.01 (ppm)
Strontium(Sr)	0-0.01 (ppm)
Titanium(Ti)	0-0.1 (ppm)
Thallium(Tl)	0-0.05 (ppm)
Vanadium(V)	0-0.01 (ppm)
Zinc(Zn)	0-0.05 (ppm)
Zirconium(Zr)	0-0.1 (ppm)
Non volatile matter	0-50 (ppm)