

Specification Sheet

Product Name:	Formaldehyde solution
Specifications & Purity:	for molecular biology, ≥36.0% in H ₂ O(T), contains 10~15% Methanol as stabilizer
SKU #	F111941

Parameter	Limit Values
Cadmium(Cd)	0-1 (ppm)
Iron(Fe)	0-1 (ppm)
Concentration in H ₂ O	36-38 (%)
UV Absorbance 280nm	0-0.01
Sulfate(SO ₄ ²⁻)	0-20 (ppm)
Calcium(Ca)	0-5 (ppm)
Nickel(Ni)	0-1 (ppm)
Sodium(Na)	0-100 (ppm)
Lead(Pb)	0-1 (ppm)
UV Absorbance 260nm	0-0.01
Zinc(Zn)	0-1 (ppm)
Magnesium (Mg)	0-1 (ppm)
Cobalt (Co)	0-1 (ppm)
Chrome(Cr)	0-1 (ppm)
Potassium(K)	0-20 (ppm)
Ignition Residue (as sulfate)	0-0.05 (%)
Manganese(Mn)	0-1 (ppm)
free acid (as CH ₃ COOH)	0-0.03 (%)
Copper(Cu)	0-1 (ppm)
Chloride (Cl ⁻)	0-10 (ppm)
Infrared spectrum	Conforms to Structure
Stabilizer (10-15% methanol)	Conforms
Test for electrophoresis of RNA in agarose gels	Pass
λ,2 M in H ₂ O	Pass