

Specification Sheet

Product Name: **Magnesium sulfate solution**
Specifications & Purity: UltraBio™, Ultra pure, Suitable for molecular biology
SKU #: **M433511**

Parameter	Limit Values
Appearance(M433511)	Colorless liquid
Concentration(Titration)	2.4-2.6 (mol/L)
Density(D20/4°C)	1.260-1.280
Aluminium(Al)	0-1 (ppm)
Barium(Ba)	0-1 (ppm)
Bismuth(Bi)	0-1 (ppm)
Calcium(Ca)	0-20 (ppm)
Cadmium(Cd)	0-1 (ppm)
Cobalt (Co)	0-1 (ppm)
Chromium(Cr)	0-1 (ppm)
Copper(Cu)	0-1 (ppm)
Iron(Fe)	0-1 (ppm)
Potassium(K)	0-20 (ppm)
Lithium(Li)	0-1 (ppm)
Manganese(Mn)	0-1 (ppm)
Molybdenum(Mo)	0-1 (ppm)
Sodium(Na)	0-20 (ppm)
Nickel(Ni)	0-1 (ppm)
Lead(Pb)	0-1 (ppm)
Strontium(Sr)	0-1 (ppm)
Zinc(Zn)	0-1 (ppm)
Arsenic traces(MHS-AAS)	0-0.1 (ppm)
Chloride (Cl-)	0-5 (ppm)
Total Nitrogen	0-20 (ppm)
Dnases, Rnases, Proteases, Phosphatases	None Detected
PH(Neat)	6.5-8.5
Residue (filter test)	no residue
UV-ABS.at 260 nm	0-0.03
UV-ABS.at 280 nm	0-0.02