

Specification Sheet

Product Name: **Zinc chloride**
Specifications & Purity: Molecular biology level, $\geq 98.0\%$ (AT)
SKU # **Z112531**

Parameter	Limit Values
Calcium(Ca)	0-100 (ppm)
Sulfate(SO ₄ ²⁻)	0-100 (ppm)
(Pb)Lead	0-50 (ppm)
Iron(Fe)	0-10 (ppm)
Assay	97.5-102.5 (%)
pH	4-5.5
(As)Arsenic	0-2 (ppm)
DNases	none detected
Filtration test	corresponds to standard
proteases	none detected
Appearance(Z112531)	White to Off-White Powder
ICP: Confirms Zinc Component	Confirmed
Magnesium (Mg)	<100 (ppm)
NICKase,Endonuclease Detection	None Detected
Cell Culture Test	pass
Insect cell culture test	pass
Solubility (20 g in 200 mL H ₂ O + 6 mL 1M HCL)	Colorless to Faint Yellow Clear to Very Slightly Hazy
Infrared spectrum	Conforms to Structure