

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

Zinc chloride - BioReagent, for molecular biology, suitable for cell culture, suitable for insect cell culture

Product Number:	Z0152	ZnCl ₂
CAS Number:	7646-85-7	
MDL:	MFCD00011295	
Formula:	Cl ₂ Zn	
Formula Weight:	136.30 g/mol	

TEST	Specification
Appearance (Color)	White to Off-White
Appearance (Form)	Powder
Solubility (Color)	Colorless to Faint Yellow
Solubility (Turbidity)	Clear to Very Slightly Hazy
20 g in 200 mL H ₂ O + 6 mL 1M HCL	
Residue (Filter Test)	Pass
No Residue	
pH	4.0 - 5.5
Identity by ICP - Zinc	Positive
Sulfate (SO ₄)	Pass
< or = 100 ppm	
Iron (Fe)	≤ 10 ppm
Lead (Pb)	≤ 50 ppm
Calcium (Ca)	≤ 100 ppm
Magnesium (Mg)	≤ 100 ppm
Arsenic (As)	≤ 2 ppm
By ICP-MS	
DNAse, Exonuclease Detection	None Detected
NICKase, Endonuclease Detection	None Detected
Protease Detection	None Detected
Titration with AgNO ₃	≥ 97 %
Cell Culture Test	Pass
Insect Cell Test	Pass
Recommended Retest Period	-----
4 years	

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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Specification: PRD.0.ZQ5.10000031997

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