Sale@aladdin-e.com
Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

Certificate of Analysis

Date of Testing:	2025-01-22 16:52:11
Date of Next Testing:	2027-01-12 16:52:11
Product Name:	**Zinc chloride**
CAS Number:	7646-85-7
Specifications & Purity:	for molecular biology, ≥98%(AT)
Lot #:	A2515421
SKU #	**Z112531**
Version	**5**
Analysis #:	**453841**
Storage Temperature:	Desiccated

Parameter	**Limit Values**	**Result**
Calcium(Ca)	0-100（ppm）	0.53200 ppm
Sulfate(SO42-)	0-100（ppm）	0.32500 ppm
(Pb)Lead	0-50（ppm）	0.02600 ppm
Iron(Fe)	0-10（ppm）	0.02630 ppm
Assay	97.5-102.5（%）	98.00000 %
(As)Arsenic	0-2（ppm）	0.03620 ppm
Magnesium(Mg)	<100（ppm）	0.32500 ppm
PH	4-6	5.60000
DNases	none detected	none detected
Filtration test	corresponds to standard	corresponds to standard
proteases	none detected	none detected
Appearance(Z112531)	White to Off White Powder or Crystals or Chunk(s)	White to Off White Powder or Crystals or Chunk(s)
ICP: Confirms Zinc Component	Confirmed	Confirmed
NICKase,Endonuclease Detection	None Detected	none detected
Cell Culture Test	pass	Pass
Insect cell culture test	pass	Pass
Solubility (20 g in 200 mL H2O + 6 mL 1M HCL)	Colorless to Faint Yellow Clear to Very Slightly Hazy	Colorless to Faint Yellow Clear to Very Slightly Hazy
Infrared spectrum	Conforms to Structure	Conforms to Structure

Shanghai Aladdin Biochemical Technology Co., LTD
809 Chuhua Branch Road, Fengxian District, Shanghai 201400, China

John Su
QA & QC Manager