

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

Certificate of Analysis

Date of Testing: 2023-09-06 14:09:34
Date of Next Testing: 2025-08-26 14:09:34
Product Name: **Zinc chloride**
CAS Number: 7646-85-7
Specifications & Purity: Molecular biology level, ≥98.0%(AT)
Lot #: I2304499
SKU #: **Z112531**
Version: 5
Analysis #: **267547**
Storage Temperature: Desiccated

Parameter	Limit Values	Result
Calcium(Ca)	0-100 (ppm)	1.36000 ppm
Sulfate(SO42-)	0-100 (ppm)	3.68000 ppm
(Pb)Lead	0-50 (ppm)	25.30000 ppm
Iron(Fe)	0-10 (ppm)	1.30000 ppm
Assay	97.5-102.5 (%)	98.00000 %
PH	4-5.5	5.10000
(As)Arsenic	0-2 (ppm)	1.06000 ppm
Magnesium(Mg)	<100 (ppm)	25.30000 ppm
DNases	none detected	none detected
Filtration test	corresponds to standard	corresponds to standard
proteases	none detected	none detected
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
Appearance(Z112531)	White to Off White Powder or Crystals or Chunk(s)	White to Off White Powder or Crystals or Chunk(s)

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A handwritten signature in black ink that reads "John Su". The script is fluid and cursive.

John Su
QA & QC Manager