

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

Certificate of Analysis

Date of Testing: 2025-06-02 15:31:19

Date of Next Testing: 2027-05-23 15:31:19

Product Name: **Zinc chloride**

CAS Number: 7646-85-7

Specifications & Purity: Suitable for molecular biology, ≥98%(AT)

Lot #: E2529605

SKU #: **Z112531**

Version: **5**

Analysis #: **503379**

Storage Temperature: Room temperature, Argon charged, Desiccated, Cool

Parameter	Limit Values	Result
Calcium(Ca)	0-100 (ppm)	12.35200 ppm
Sulfate(SO42-)	0-100 (ppm)	14.52600 ppm
(Pb)Lead	0-50 (ppm)	1.05200 ppm
Iron(Fe)	0-10 (ppm)	2.32500 ppm
Assay	97.5-102.5 (%)	98.00000 %
pH	4-6	5.60000
(As)Arsenic	0-2 (ppm)	0.32500 ppm
Magnesium(Mg)	<100 (ppm)	2.25500 ppm
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



QualityAssurance@aladdinsci.com

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A handwritten signature in black ink that reads "John Su".

John Su
QA & QC Manager