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Certificate of Analysis

Catalogue Number	01264
Lot Number	000331-35753
Product	Zinc acetate dihydrate

Zinc acetate•2H₂O

CAS Number	5970-45-6
Molecular Formula	Zn(C ₂ H ₃ O ₂) ₂ •2H ₂ O
Molecular Weight	219.51

Appearance	White crystals
Solubility	43 g in 100 mL water at 20 °C
Melting Point	327 °C (Approx.)
Anion	Chloride (Cl ⁻): 3 ppm Sulfate (SO ₄ ²⁻): 0.002%
Cation	Calcium (Ca): 0.0002% Magnesium (Mg): 0.00003% Potassium (K): 0.0001% Sodium (Na): 0.00036% Iron (Fe): 1 ppm Lead (Pb): 0.0005%
pH	6.4 (5% solution @ 25 °C)
Insoluble material	0.004%
Assay by titration	99.72%
Grade	ACS reagent
Application	Determination of albumin, tannin, urobilin, phosphate, and blood.
Storage	Store at RT

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier

A handwritten signature in black ink, appearing to read 'Bala Kumar', with a stylized flourish at the end.

Bala Kumar
Quality Control Manager