

Certificate of Analysis

Product Name:

Zinc chloride, *PurReagent Plus*, meets analytical specification of BP, EP, USP, 98-100.5%

Product No.: PSR50550
Lot No.: Sample COA
Brand: PureSynth
CAS No.: 7646-85-7
Molecular Formula: ZnCl_2
Molecular Weight: 136.30 g/mol
Date of Mfg.: NA
Date of Exp.: NA

Test	Specification	Result
Appearance	White to Off-white Powder or Crystals or Chunks	White Powder
Assay	98.0-100.5%	99.99 %
pH (10%, 20°C)	4.6 - 5.5	5.2
Residual Solvents	Complies	Complies
Alkalies and Alkaline Earths	Complies	Complies
Identification by IR	Conforms to Structure	Conforms to Structure
Oxide Chloride (as ZnO)	Complies	Complies
Arsenic (As)	NMT 0.0002 %	< 0.0002 %
Calcium (Ca)	NMT 0.01 %	< 0.01 %
Iron (Fe)	NMT 0.001 %	< 0.001 %
Potassium (K)	NMT 0.02 %	< 0.02 %
Magnesium (Mg)	NMT 0.01 %	< 0.01 %
Sodium (Na)	NMT 0.01 %	< 0.01 %
Lead (Pb)	NMT 0.005 %	< 0.005 %
Ammonium (NH_4^+)	NMT 300 ppm	< 300 ppm
Sulfate (SO_4)	NMT 200 ppm	< 200 ppm
Total Nitrogen (N)	NMT 0.005 %	< 0.005 %
Heavy metals (as Pb)	Complies	Complies

The Certificate of Analysis (COA) is valid only for the lot specified and within the product's shelf life. Retesting is recommended after the expiry date or if storage conditions are compromised. We guarantee a proper quality within our General Conditions of Sales. The conditions are subject to change without prior notice.
For queries on this COA, please contact our technical team at technical@pure-synth.com

Remarks:

This is to certify that the mentioned batch has been analysed at the time of quality release and has been found to be in compliance with prescribed specifications

The current Specification sheet may be available at www.pure-synth.com

Inspect on receipt

Storage Condition:

Store at room temperature and keep the container tightly closed

PureSynth Research Chemicals GmbH

This is electronically-generated copy & is valid without a signature

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