

## Product Specification

Product Name:

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

Product No.: PSR50550  
Brand: PureSynth  
CAS No.: 7646-85-7  
Molecular Formula:  $\text{ZnCl}_2$   
Molecular Weight: 136.30 g/mol



| Test                         | Specification                                   |
|------------------------------|-------------------------------------------------|
| Appearance                   | White to Off-white Powder or Crystals or Chunks |
| Assay                        | 98.0-100.5 %                                    |
| pH (10%, 20°C)               | 4.6 - 5.5                                       |
| Residual Solvents            | Complies                                        |
| Alkalies and Alkaline Earths | Complies                                        |
| Identification by IR         | Conforms to Structure                           |
| Oxide Chloride (as ZnO)      | Complies                                        |
| Arsenic (As)                 | NMT 0.0002 %                                    |
| Calcium (Ca)                 | NMT 0.01 %                                      |
| Iron (Fe)                    | NMT 0.001 %                                     |
| Potassium (K)                | NMT 0.02 %                                      |
| Magnesium (Mg)               | NMT 0.01 %                                      |
| Sodium (Na)                  | NMT 0.01 %                                      |
| Lead (Pb)                    | NMT 0.005 %                                     |
| Ammonium ( $\text{NH}_4^+$ ) | NMT 300 ppm                                     |
| Sulfate ( $\text{SO}_4$ )    | NMT 200 ppm                                     |
| Total Nitrogen (N)           | NMT 0.005 %                                     |
| Heavy metals (as Pb)         | Complies                                        |

Specification: PR-1.0-QA/546

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For queries on this Specifications, please contact our technical team at [technical@pure-synth.com](mailto:technical@pure-synth.com)