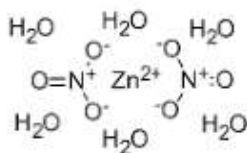


TIQ-F-QC-003  
 Rev.00

## Technical Data Sheet

### ZINC NITRATE HEXAHYDRATE 98% AR



|                          |  |                         |                    |
|--------------------------|--|-------------------------|--------------------|
| <b>Product Code</b>      | O-5231   | <b>Grade</b>            | Analytical Reagent |
| <b>Purity</b>            | 98 %   | <b>CAS No</b>           | 10196-18-6         |
| <b>Molecular Formula</b> | Zn(NO <sub>3</sub> ) <sub>2</sub> · 6 H <sub>2</sub> O | <b>Molecular Weight</b> | 297,49 g/mol       |
| <b>H.S.Code</b>          | 2834.2990  | <b>Shelf Life</b>       | 60 Months          |

## Physical Properties

|                       |       |                |                                 |
|-----------------------|-------|----------------|---------------------------------|
| <b>Physical state</b> | Solid | <b>Density</b> | 2,06 g/cm <sup>3</sup> at 20 °C |
|-----------------------|-------|----------------|---------------------------------|

## Packaging

100 g, 500 g

## Specification

|                             |                                    |
|-----------------------------|------------------------------------|
| Appearance                  | White powder or colorless crystals |
| Assay (by EDTA titration)   | Min 98.0 %                         |
| Insoluble matter in water   | Max 0.005 %                        |
| Chloride (Cl)               | Max 0.001 %                        |
| Sulphate (SO <sub>4</sub> ) | Max 0.005 %                        |
| Cadmium (Cd)                | Max 0.0005 %                       |
| Calcium (Ca)                | Max 0.001 %                        |
| Copper (Cu)                 | Max 0.0005 %                       |
| Iron (Fe)                   | Max 0.0005 %                       |
| Lead (Pb)                   | Max 0.001 %                        |
| Magnesium (Mg)              | Max 0.001 %                        |
| Nickel (Ni)                 | Max 0.0005 %                       |
| Potassium (K)               | Max 0.001 %                        |
| Sodium (Na)                 | Max 0.001 %                        |
| pH (5% solution at 25°C)    | 3.0 – 6.0                          |

## Safety Information and Hazard Symbols



Symbol: GHS03, GHS07, GHS09

Signal Word: Danger

UN No.: 1514

IMCO Class No.: 5.1

Packing Group: II

Hazardous Statement: H272-H302-H315-H319-H335-H410

Precaution Statement: P210-P220-P273-P301+P312-P302+P352-P305-P351+P338