



**ZINC INDUSTRIAS NACIONALES S.A.**

**TECHNICAL SPECIFICATIONS  
ZINC SULPHATE HEPTAHYDRATED**

**Description** White crystals  
**Formula** ZnSO<sub>4</sub>.7H<sub>2</sub>O  
**CAS No.** 7446-20-0  
**EINECS** 273-723-4



| <b>Chemical properties:</b>          |                   |               |                         |
|--------------------------------------|-------------------|---------------|-------------------------|
| <b>Element</b>                       | <b>Agro Grade</b> |               | <b>Method Reference</b> |
|                                      | <b>% Min.</b>     | <b>% Max.</b> |                         |
| ZnSO <sub>4</sub> .7H <sub>2</sub> O | 98.5              |               | Volumetry               |
| Zinc - Zn                            | 21.5              |               | Volumetry               |
| Lead - Pb                            |                   | 0.005         | AAS                     |
| Magnesium - Mg                       |                   | 0.1           | AAS                     |
| Cadmium - Cd                         |                   | 0.06          | AAS                     |
| Iron - Fe                            |                   | 0.5           | AAS                     |
| Copper - Cu                          |                   | 0.005         | AAS                     |
| Aluminum - Al                        |                   | 0.2           | AAS                     |
| Arsenic - As                         |                   | 0.0002        | AAS                     |
| Mercury - Hg                         |                   | 0.0001        | AAS                     |
| Manganese - Mn                       |                   | 0.05          | AAS                     |
| Sulfur - S                           |                   | 10.5          | LECO                    |

| <b>Physical Properties:</b> |         |            |
|-----------------------------|---------|------------|
| pH (5%)                     | 3.4     | ASTM D4972 |
| Insoluble (%)               | 0.3 max | Gravimetry |
| Humidity (%)                | 5 max   | Gravimetry |

**Applications** Zinc Deficient Farmland Fortifier

**Packaging** Jumbo polypropylene bag with polyethylene linner 25Kg polypropylene bag with polyethylene linner.

Capacity of 1,000 Kg or 1,500Kg with lower discharge valve.

Wooden pallet (Non-returnable).

Hooded and protected with stretch film.

**Storage** To stock in a ventilated, cool and dry area. Away from direct light from the sun, heat and incompatible materials such as acids and bases.