

Technical Data

POWDER

# ZINC SULFATE MONOHYDRATE



CAS No. 7733-02-0 | Formula  $ZnSO_4 \cdot H_2O$

### Product Description:

Zinc sulfate is a high-quality inorganic compound and commercially significant source of zinc. Appearance is a white powder.

Dry Matter	99.0%
Moisture	1.0%

### Guaranteed Analysis

Zinc, as Zn, wt %	35.5 Minimum	36.0
Sulfur, as S, wt %	17.5 Minimum	17.8
Zinc Sulfate, as $ZnSO_4$ , wt %	97.5 Minimum	99.0

### Specification

### Typical

Calcium, as Ca	1600 mg/kg
Magnesium, as Mg	1700 mg/kg
Potassium, as K	6900 mg/kg
Sodium, as Na	2900 mg/kg
Iron, as Fe	200 mg/kg
Manganese, as Mn	1400 mg/kg

### Heavy Metals\*

Mercury, as Hg	nd mg/kg	nd mg/kg	nd mg/kg
Selenium, as Se	nd mg/kg	nd mg/kg	nd mg/kg
Lead, as Zn	nd mg/kg	nd mg/kg	nd mg/kg
Nickel, as Pb	13.3 mg/kg	6.0 mg/kg	16.5 mg/kg
Molybdenum, as Mo	nd mg/kg	nd mg/kg	nd mg/kg
Cobalt, as Co	nd mg/kg	2.5 mg/kg	3.6 mg/kg
Cadmium, as Cd	nd mg/kg	nd mg/kg	1.11 mg/kg
Arsenic, as As	nd mg/kg	nd mg/kg	nd mg/kg

### Analysis 1

### Analysis 2

### Analysis 3

### Physical Properties (cumulative % retained)

Retained on a #60 Screen, %	250 um	23.00
Retained on a #100 Screen, %	150 um	32.00
Retained on a #120 Screen, %	125 um	15.80
Retained on a #200 Screen, %	75 um	25.90
Retained on a #270 Screen, %	53 um	3.30

Bulk Density

73.4 lbs./cu. ft.

Packaging Options

50lb poly bags | 1000kg bulk bags

Water Solubility\*\*

98.0%

\*Midwest Laboratories, Inc.

\*\*Cumberland Valley Analytical Services

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