

Technical Data

POWDER

ZINC SULFATE MONOHYDRATE



ORINATION, LLC
O2D

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 %
Sulfur, as S, wt %
Zinc Sulfate, as $ZnSO_4$, wt %

Specification

35.5 Minimum
17.5 Minimum
97.5 Minimum

Typical

36.0
17.8
99.0

Calcium, as Ca
Magnesium, as Mg
Potassium, as K
Sodium, as Na
Iron, as Fe
Manganese, as Mn

1600 mg/kg
1700 mg/kg
6900 mg/kg
2900 mg/kg
200 mg/kg
1400 mg/kg

Heavy Metals*

Mercury, as Hg
Selenium, as Se
Lead, as Zn
Nickel, as Pb
Molybdenum, as Mo
Cobalt, as Co
Cadmium, as Cd
Arsenic, as As

Analysis 1

nd mg/kg
nd mg/kg
nd mg/kg
13.3 mg/kg
nd mg/kg
nd mg/kg
nd mg/kg
nd mg/kg

Analysis 2

nd mg/kg
nd mg/kg
nd mg/kg
6.0 mg/kg
nd mg/kg
2.5 mg/kg
nd mg/kg
nd mg/kg

Analysis 3

nd mg/kg
nd mg/kg
nd mg/kg
16.5 mg/kg
nd mg/kg
3.6 mg/kg
1.11 mg/kg
nd mg/kg

Physical Properties (cumulative % retained)

Retained on a #60 Screen, %
Retained on a #100 Screen, %
Retained on a #120 Screen, %
Retained on a #200 Screen, %
Retained on a #270 Screen, %

250 um
150 um
125 um
75 um
53 um

23.00
32.00
15.80
25.90
3.30

Bulk Density
Packaging Options

73.4 lbs./cu. ft.
50lb poly bags | 1000kg bulk bags

Water Solubility** 98.0%

*Midwest Laboratories, Inc.
**Cumberland Valley Analytical Services

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