



PRODUCT CODE: 201788

Zinc Sulfate 1-hydrate (F.C.C.) food grade

$O_4SZn.H_2O$

$ZnSO_4.H_2O$

M.= 179,45

CAS [7446-19-7]

EINECS 231-793-3

TARIC 2833 29 20 00

SYNONYMS: White Vitriol

PHYSICAL DATA: Small crystals, White, Soluble in water 350 g/l at 20 °C Thermal decom. ~ 740 °C • Hygroscopic

• D 3,2 • pH(5% solution) 4,0 - 5,2 •

BIBLIOGRAPHY: Merck Index **12**, 10.293 13, 10.213 Römp **8** , **4713** • BP.**2018** • USP **41** • Ph. Eur. **9.0** (2017)
6.6 6.6 • F.C.C **10 11** •

HAZARDOUS: C.E: 030-006-00-9 • RTECS: ZH 5300000 • LD L0 oral rbt 1.914 mg/kg • LD50 oral rat 2.150 mg/kg
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H: H302 • H318 • H410 •

P: P264 • P270 • P273 • P280 • P301+P312 • P305+P351+P338 • P310 • P330 • P391 • P501 •

TRANSPORT REGULATIONS: UN: 3077 • ADR: 9/III • IMDG: 9/III • IATA: 9/III • PAX: 956 • CAO: 956 • (E) •

SPECIFICATIONS:

Assay (as $ZnSO_4.H_2O$)

98,0-100,5%

Identity :

Identity Zinc

passes test

Identity Sulfate

passes test

Appearance	passes test
Acidity	passes test
Alkalis and alkaline-earths, not more than	0,5%
Cadmium, not more than	2 ppm
Mercury, not more than	5 ppm
Lead, not more than	4 ppm
Selenium, not more than	0,003%

Specifications F.C.C. 11

For use in foodstuffs according to F.C.C.

Ed.: 5 . Vig.: 15.01.2011 .

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