

GENERAL QUALITY DATA SHEET

Nitrite Curing Salt [+0.5% - 0.6% E250] ChemElements™

CAS No.	7647-14-5
EC No.	231-887-4
Tariff No.	2501 00 91 00
Material number:	90572052*



Typical properties

Molecular weight:	58,44
Melting point:	801°C
Solubility in water:	358 g/l (20°C)
Specific gravity:	2,165 g/cm ³
Appearance:	White crystalline powder

Quality: [TY Y 10.8-13476327-005:2018]

1. Assay (NaCl, dried substance):	≥98,9%
2. Assay (NaNO ₂ , dried substance):	0,5-0,6%
3. Loss on drying:	≤0,2%
4. Lead (Pb):	≤2,0 mg/kg
5. Cadmium (Cd):	≤0,1 mg/kg
6. Mercury (Hg):	≤0,01 mg/kg

Standard packing

- *25 kg three-layer paper brown craft bag with polyethylene inliner (50 µm);
- *25 kg polypropylene bag (60 g/m²) with polyethylene inliner (50 µm).

Available on request

*Other customer-specific packing, quality parameters

Shelf life

Storage recommendation



PUREFOOD

High purity mineral salts for food industry

ChemElements – the alternative producer of high purity mineral salts located in Europe. Raw materials for food, pharmaceutical, feed, agriculture, and technical applications

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2 years

Store in a dry, closed, warehouse in the original tightly closed packaging. Avoid exposure to moisture (product is hygroscopic)

Application

- Preservative
- Flavor enhancer
- Stabilizer

Certification

FSSC 22000:2013, ISO 9001:2015, Kosher, Halal MUI

Hazards Identification

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008

Transport Information

UN number:	Not dangerous goods
UN proper shipping name:	Not dangerous goods
Transport hazard class(es)	
Land transport (ADR/RID):	Not classified as dangerous in the meaning of transport regulations
Air transport (IATA):	Not classified as dangerous in the meaning of transport regulations
Sea transport (IMDG):	Not classified as dangerous in the meaning of transport regulations
Packaging group:	Not dangerous goods

Production

CHEMICAL ELEMENTS UKRAINE, LLC
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Sales

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This data sheet is for information purposes only and is based on observations of our standard product. It does not release the user from any obligation to test the material and determine suitability for each application.