

Sodium nitrite NaNO₂



Sodium nitrite

Molecular formula: NaNO₂

Executive standard: GB2367-2006

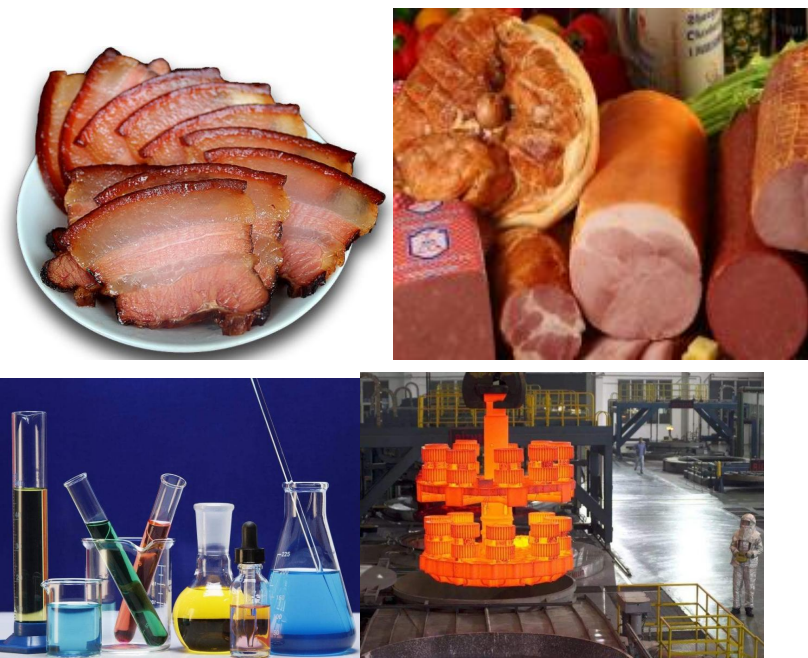
Sodium nitrite (NaNO₂) is an inorganic salt formed by the ionization and formation of nitrite ion and sodium. Sodium nitrite is easy to deliquesce and soluble in water and liquid ammonia. Its aqueous solution is alkaline with pH of about 9 and slightly soluble in organic solvents such as ethanol, methanol and ether. Sodium nitrite has a salty taste and is often used to make fake table salt. Sodium nitrite will react with oxygen when exposed to air to form sodium nitrate. If heated to above 320 °C, it decomposes to form oxygen, nitrogen oxide and sodium oxide. Contact with organic matter is easy to burn and explode. Because of its salty taste and low price, it is often used as an unreasonable substitute for salt in the production of illegal food. Because sodium nitrite is toxic, food containing industrial salt is very harmful to human body and carcinogenic.

Name of index	Unit	Industry grade
Sodium sulfite content	% ≥	98.5
Water	% ≤	2

Water insoluble matter	% ≤	0.06
Sodium nitrate	% ≤	1.00
Chloride	% ≤	0.17

Application

Application: 1. Chromatogram analysis. 2. Drop analysis. 3. Soil analysis. 4. Serum bilirubin was measured in liver function test. 5. Silk bleach, 6. Metal heat treatment agent, 7. Steel corrosion inhibitor, 8. Laboratory analytical reagent, 9. It is used as chromogenic agent and anti microbial agent in meat product processing. It is called industrial salt.



Matters needing attention:

Workers should wear chemical safety glasses, adhesive tape anti-virus clothes and rubber gloves. If the skin comes into contact with sodium nitrite, please take off the contaminated clothes and wash the skin thoroughly with soapy water and clean water. If you accidentally inhale sodium nitrite, leave the site quickly to a place with fresh air. Keep the respiratory tract unobstructed.

Production equipment:

We, SHANXI BINGSHENG CHEMICAL CO.,LTD. is the leading manufacturer and supplier in China for the nitrate products. We have advanced equipment, the quantity of our product has reached the world leading level.

