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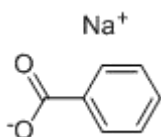
Technical Data Sheet

Sodium benzoate

Product Information

Chemical Name	Sodium benzoate
CAS #	532-32-1
Formula	C ₇ H ₅ NaO ₂
Molecular Weight	144.1
Synonyms	Antimol; Benzoate of soda; Sodium benzoic acid; Benzoate sodium

Chemical Structure



Desctiption

White crystal or granule, powder or colorless, with sweet taste. Soluble in water and ethanol, glycerin, methanol.

Specification

Item	Food grade	Pharmaceutical grade BP98
Content(dry base)	≥99.0%	99.0-100.5%
Loss on dry	≤1.5%	≤2.0%
PH	Confirm with standard	Confirms with BP98
Chloride	≤0.05%	≤0.02%
Heavy metals	≤0.01%	≤0.001%
Arsenic(AS)	≤0.0002%	≤0.0002%
Sulfate	/	≤0.1%

Application

Food preservative

Sodium benzoate is a preservative. As a food additive, sodium benzoate has the E number E211. It is bacteriostatic and fungistatic under acidic conditions. It is most widely used in acidic foods such as salad dressings (vinegar), carbonated drinks (carbonic acid), jams and fruit juices (citric acid), pickles (vinegar), and condiments. It is also used as a preservative in medicines and cosmetics.

Pharmaceutical applications

Sodium benzoate is used as a treatment for urea cycle disorders due to its ability to bind amino acids. This leads to excretion of these amino acids and a decrease in ammonia levels. Sodium benzoate is used to treat hyperammonemia. Sodium benzoate has been shown to halt the progression of Parkinson's in mice.

Other uses

Sodium benzoate is also used in fireworks as a fuel in whistle mix, a powder that emits a whistling noise when compressed into a tube and ignited.

Packing

25kg/bag, 16.5MT/20"FCL

Storage

Keep container dry. Keep in a cool place. Ground all equipment containing material. Keep container tightly closed. Keep in a cool, well-ventilated place. Combustible materials should be stored away from extreme heat and away from strong oxidizing agents.

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