

Sodium Gluconate(Industrial Grade)

(Technical Data Sheet)

Description

CAS NO.:527-07-1

EINECS(EC) NO.:208-407-7

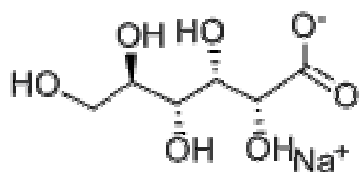
HS CODE: 2918160000

Appearance:white crystal powder,soluble in water, slightly solved in alcohol,

Molecular weight:218.14

Molecular Formula:C₆H₁₁O₇Na

Structural Formula:



Production Standard: QB/T 4484-2013

Specification

Items	Standard
Content	98.0%min
Loss on drying	0.50%max
Reducing substances	0.70%max
pH value	6.2-7.8
Sulfates(SO ₄) ²⁻	0.05%max
Chlorides(Cl ⁻)	0.07%max
Pb	2μg/g max
As	2μg/g max
Heavy Metals	10μg/g max

Product image



Application

Sodium gluconate is used to added to concrete to delay the setting for cement and concrete, especially in summer,sodium gluconate added to concrete and cement can abviously reduce slump loss and extend the workability of the fresh concrete,and the adding doesn't influence the final concrete strength.

The adding rate is about 0.03%-0.07%,when applied to concrete,recommend to do a test to determine the proper adding rate.

Packing:

It is normally packed in 25kg plastic woven bag with water proof PE bag inside,or pack in 500kg or 1000kg in jambo bag.

Storage and shelf life

It is stored in shadow and dry place,keep package sealed.shelf life 24 months.