



Technical Data Sheet

Product Name:	Sodium Acetate Trihydrate
Appearance:	White Crystal Powder
Solubility:	Soluble in water; insoluble in ether
Molecular Formula:	CH ₃ COONa·3H ₂ O
Odor:	Slight acetic-acid odor
Molecular Weight:	136.08
Specific Gravity:	1.45
Melting Point:	324°C
Boiling Point:	N/A
CAS No.:	6131-90-4
EINECS No.:	204-823-8
H.S. Code:	2915291000

Grade	USP	E262i	FCC	TECH
Assay (dried basis) %	99.0 ~101.0	98.5 ~ 101.0	99.0 ~101.0	58.0 ~60.0
PH at 25°C in 5% aqueous sol.	7.5 ~ 9.0	8.0 ~ 9.5	7.5 ~ 9.0	7.5 ~ 9.0
Loss on drying (120°C,240min) %	38 ~ 41	36 ~ 42	36 ~ 41	36 ~ 41
Reducing substances (as formic Acid)	/	1000mg/kg	/	/
Insoluble matter % ≤	0.05	/	/	0.05
Heavy metals (as Pb) % ≤	0.001	10mg/kg	0.001	/
Lead (Pb) % ≤	/	2mg/kg	/	/
Mercury (Hg) % ≤	/	10mg/kg	/	/
Arsenic (As) % ≤	/	3mg/kg	/	3mg/kg
Chloride (Cl) % ≤	0.035	/	/	0.5
Sulfate (SO ₄) % ≤	0.005	/	/	0.1
Alkalinity (as Na ₂ CO ₃) % ≤	/	/	0.05	/
Iron (Fe) % ≤	/	/	/	0.001

Packing: 25kgs/bag.

Storage: To be stored in cool, dry and ventilated place.

Uses: Sodium acetate trihydrate is used in the pharmaceutical industry, as a buffer in the photographic industry and as a supplement for animal feeds to increase the milk fat production of dairy cattle. It is also used in the production of dye stuffs, as a polymerization catalyst, as a polymer stabilizer, as a flavoring agent, and in the manufacture of hydroxyl oxides, which are used as extractants in hydrometallurgy.