



Technical Data Sheet

Product Name:	Sodium Acetate Anhydrous
Appearance:	White Crystal Powder
Solubility:	Soluble in water; insoluble in acether
Molecular Formula:	C ₂ H ₃ NaO ₂
Odor:	Slight acetic-acid odor
Molecular Weight:	82.03
Specific Gravity:	1.45
Melting Point:	324 °C
Boiling Point:	N/A
CAS No.:	127-09-3
EINECS No.:	204-823-8
H.S.Code:	2915291000

Grade	Technical Grade	FCC	E262i	USP
Appearance	White crystalline powder	Colorless, transparent crystals or as a granular, crystalline or white powder.	White, odorless, granular hygroscopic powder.	White crystalline powder
Assay (dried basis)	99.0 ~ 101.0%	99.0 ~ 101.0%	≥98.5%	99.0 ~ 101.0%
pH	/	/	8.0 ~ 9.5	7.5 ~ 9.2
Chloride (Cl)	≤1000ppm	/	/	≤350ppm
Sulfate (SO ₄)	≤500ppm	/	/	≤50ppm
Loss on drying(120 °C)	≤2.0%	≤1.0%	≤2.0%	≤1.0%
Insoluble matter	≤0.05%	/	/	≤0.05%
Calcium (Ca)	/	/	/	To pass test
Magnesium (Mg)	/	/	/	To pass test
Iron (Fe)	≤0.01%	/	/	/
Heavy metal (as Pb)	/	/	/	≤10ppm
Lead (Pb)	/	≤2ppm	≤2ppm	/
Alkalinity	/	≤0.2%	/	
Potassium Compounds	/	No turbidity develops within 5 min	/	To pass test
Arsenic (As)	/	/	≤3ppm	/
Mercury (Hg)	/	/	≤1ppm	/
Formic acid, formates and other oxidizable substances.	/	/	≤1000ppm	
Aluminum (Al)	/	/	/	≤0.2ppm
Organic volatile impurities	/	/	/	To pass test



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Packing: 25kgs/bag.

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

Uses: Sodium acetate anhydrous 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 flavouring agent, and in the manufacture of hydroxyl oximes, which are used as extractants in hydrometallurgy.