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Technical Data Sheet

Product Name:	Zinc Acetate Dihydrate
Molecular Formula:	$(\text{CH}_3\text{COO})_2\text{Zn} \cdot 2\text{H}_2\text{O}$
Odor:	Slight acetic acid odor
Molecular Weight:	219.50
Specific Gravity:	1.74
Melting Point:	237°C (459°F)
Boiling Point:	Decomposes
CAS No.:	5970-45-6
EINECS No.:	209-170-2
H.S.Code:	2915299090
Appearance:	White Crystal Powder
Solubility:	Soluble in water & alcohol; insoluble in acetone

Grade	A.C.S	U.S.P	Technical Pure
Assay	99.0%-102.0%	98.0%-102.0%	98.0%-102.0%
pH at 20°C in 5% aqueous sol.	6.0-7.0	6.0-7.0	6.0-7.0
Insoluble Matter%≤	0.005	0.005	0.05
Chloride(Cl) %≤	0.0005	0.005	0.01
Calcium(Ca) %≤	0.005		
Magnesium(Mg) %≤	0.005		
Potassium(K) %≤	0.01		
Iron(Fe) %≤	0.0005		0.0005
Sulfate(SO ₄) %≤	0.005	0.01	0.01
Lead(as Pb) %≤	0.002	0.002	0.005
Organic Volatile Impurities		To pass test	To pass test
Arsenic(As)ppm≤	0.5	3	3

Packing: in 25kg woven paper bags;

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

Uses: Zinc acetate, crystal 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 (1).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.

(1) Detailed information on the use of sodium acetate for this application can be supplied on request.