



Product Specification

Product Name: ZINC ACETATE Dihydrate AR

Alternate Name(s)

Description

White monoclinic crystalline plates; pearly lustre; faint acetous odour; astringent taste.

Properties

Chemical Formula: $(\text{CH}_3\text{COO})_2\text{Zn} \cdot 2\text{H}_2\text{O}$

Molecular Weight: 219.51

Product Code: ZA001

CAS No. 5970-45-6

General Information:

Soluble in alcohol. Incompatible with acacia, alkalies and their carbonates, oxalates, phosphates, sulfides, strong oxidizing agents, lime water, vegetable astringent decoctions and infusions, zinc salts.

Hazard and Safety Data

UN Group: III
Class: 9
UN Number: 3077
Hazchem code: 2Z
CS MSDS Code: 1CHHG
Poison schedule: Not Scheduled
Emergency
Procedure Guide No.: 47

Quality Specification

Assay: 98.0% min.

Specific Properties and Impurities [Typical levels]:

Losses 2H ₂ O at	100 °C
Melting Point	237 °C
Specific Gravity	1.735
Solubility in Water @ 20 °C	430 g/L
Vapour Density	7.6
Insoluble matter	≤ 0.005%
Chloride (Cl)	≤ 0.0005%
Sulfate (SO ₄)	≤ 0.005%
Calcium (Ca)	≤ 0.005%
Magnesium (Mg)	≤ 0.005%
Potassium (K)	≤ 0.01%
Sodium (Na)	≤ 0.05%
Iron (Fe)	≤ 0.0005%
Lead (Pb)	≤ 0.002%
pH of a 5% solution (at 25 °C)	6.0-7.0

CONFORMS TO ACS

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