Zinc Acetate

$C_4H_6O_4Zn{\cdot}2H_2O$ · CAS 5970-45-6 · Zinc acetate dihydrate, powder

CATALOG TDS — CONFIRMED IN WRITING AT QUOTATION

CHEMICAL FORM	FORMULA	CAS	PRIMARY ASSAY
Zinc acetate dihydrate, powder	$C_4H_6O_4Zn{\cdot}2H_2O$	5970-45-6	99.0–101.0%
METHOD	**MINIMUM ORDER**	**LEAD TIME**	**STANDARD PACK**
Complexometric zinc and acetate titration	1 kg	1–7 days	1 kg foil pouch · 25 kg fiber drum

DESCRIPTION

Zinc acetate dihydrate specified at 99.0–101.0% by titration with 29.0–32.0% zinc; the acetate salt and zinc sulfate are different products with different pH and counter-ion.

SPECIFICATION

PARAMETER	SPECIFICATION	METHOD / NOTE
Assay (titration)	99.0–101.0%	As stated
Zinc	29.0–32.0%	As stated
Appearance	White to off-white powder	As stated
Identification	Zinc and acetate conform	As stated
Water (Karl Fischer)	10.0–14.0%	As stated
Heavy metals	Pb ≤3 · As ≤2 · Cd ≤1 · Hg ≤0.1 mg/kg	As stated
Microbiology	APC ≤1,000 cfu/g · yeast and mould ≤100 cfu/g · E. coli and Salmonella absent	As stated
Particle size	≥95% through 80 mesh	As stated
Marker set	Zinc acetate 99.0–101.0%; Zn 29.0–32.0%	Identity
Solubility	Freely soluble in water; the solution is slightly acidic.	Matrix dependent

APPLICATIONS

- Capsules and tablets
- Powder blends

AVAILABLE FORMS

- Powder, 80 mesh
- Granulated on request

PACKING

- 1 kg foil pouch

STORAGE

Store in a cool, dry, well-ventilated area, away from direct sunlight and moisture. Keep the pack closed after sampling.

- 25 kg fiber drum

The lot-specific retest date is shown on the batch COA.

DOCUMENTATION RELEASED WITH EACH LOT

- Batch-specific certificate of analysis
- Technical data sheet and safety data sheet
- Allergen, GMO, origin and residual-solvent statements
- Third-party reports on request

Catalog document. This TDS describes the grade we can quote. The final specification, pack and documentation are confirmed in writing before the order. It is not a batch COA and does not report a result for a specific lot.

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