

ASES CHEMICAL WORKS

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CERTIFICATE OF ANALYSIS

1. Name of the Product	Zinc PCA
2. Synonyms	Zinc salt of L-Pyrrolidone Carboxylate, L-Pyrrolidone-5-carboxylic acid zinc salt
3. CAS Number	15454-75-8
4. Formula	$C_{10}H_{12}N_2O_6Zn$
5. Batch No & Mfg. Date	As mentioned on Label
6. Date Of Exp	3 Years From MFG Date
7. Date of Analysis	Mar-2024

Sr	Items	Specifications	Results
1	Appearance	Almost white powder	Complies
2	pH (10% aqueous solution)	5~6	5.56
3	PCA content	78.3~82.3% (On dried basis)	79.25%
4	Zinc content	19.4~21.3% (On dried basis)	20.75%
5	Heavy Metals	≤20ppm	<20ppm
6	As	≤2ppm	<2ppm
7	Moisture	≤7%	3.12%
8	Total Plate Count	≤100cfu/g	<100cfu/g
9	Yeast & Mold	≤10cfu/g	<10cfu/g
10	E.Coli.	Negative	N.D.
11	Salmonella	Negative	N.D.