

PRODUCT DATA

L-Zinc Lactate (FG)

Description

L-Zinc lactate (FG) is the zinc salt of natural L (+) lactic acid, produced by bio-fermentation from grain starch. It is white crystalline powder, almost odorless. It is slightly soluble in ethanol and easily soluble in hot water.

Information

Chemical name	Zinc-L(S)-2-hydroxypropionate
Molecular formula	$Zn[CH_3CH(OH)COO]_2 \cdot 2H_2O$
Molecular weight	243.54 (anhydrous)
CAS	103404-76-8
Packing	Fiber drum, net 50kg per drum

Specification (Complies with: GB、FCC、FAO/WHO)

Identification	It responds to the test for zinc and lactate
Assay (anhydrous), w/%	≥98.0
Stereochemical purity, %, L/(L+D)×100	≥98.0
Loss on drying (120°C,4hs), w/%	10.5~14.0
pH (1→10)	5.0~7.0
Lead (Pb), mg/kg	≤3.0
Arsenic (as As), mg/kg	≤2.0
Cadmium (Cd), mg/kg	≤2.0
Solution (1→10)	Clear
Volatile fatty acid	Solution emits no butyric acid-like odor
Sulphates (as SO ₄), mg/kg	≤500
Chloride (as Cl), mg/kg	≤500