



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: FCC, FAO/WHO)

Identification	It responds to the test for zinc and lactate
Assay (anhydrous), %	≥98.0
Loss on drying(120°C, 4hs), %	10.5~13.5
Solution (1→10)	Clear
pH (1→10)	5.0~8.0
Volatile fatty acid	Solution emits no butyric acid-like odor
Chloride, %	≤0.05
Sulphate, %	≤0.05
Heavy metals, %	≤0.001
Arsenic, %	≤0.0003
Stereochemical purity, %	≥96.0