



PRODUCT DATA

L-Magnesium lactate (FG)

Description

L-Magnesium lactate (FG) is the magnesium salt of natural L (+) lactic acid, produced by bio-fermentation from grain starch. It is white crystalline powder having a slight bitter taste. It is easily soluble in hot water.

Information

Chemical name	Magnesium-L (S)-2-hydroxypropionate
Molecular formula	$Mg [CH_3CH (OH) COO]_2 \cdot 2H_2O$
Molecular weight	202.45 (anhydrous)
CAS	18917-93-6
Packing	Fiber drum, net 50kg per drum

Specification (Complies with: FAO/WHO)

Identification	It responds to the test for magnesium and lactate
Assay (anhydrous), %	97.5~101.5
Loss on drying(120°C, 24hs), %	14.0~17.0
Solution (1→20)	Clear
pH (1→20)	5.0~9.0
Chloride, %	≤0.01
Heavy metals, %	≤0.001
Arsenic, %	≤0.0003
Stereochemical purity, %	≥98.0
Total aerobic microbial, counts/g	≤1000
Total yeast and moulds, counts/g	≤100
E. coli, counts/g	0