

# PRODUCT DATA

## L-Magnesium Lactate (SG)

### 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 <sub>3</sub> CH (OH) COO] <sub>2</sub> · 2H <sub>2</sub> O
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
pH (1→20)	5.0~9.0
Chloride, %	≤0.01
Heavy metals (as Pb), %	≤0.001
Arsenic (As), %	≤0.0003
Loss on drying (120°C, 24hs), %	14.0~17.0
Assay (anhydrous), %	≥98.0
Stereochemical purity, %, L/(L+D)×100	≥98.0