

# PRODUCT DATA

## L-Potassium Lactate (FG)

### Description

L-Potassium lactate 60 % (FG) is the potassium salt of natural L (+) lactic acid, which is produced by bio-fermentation from grain starch. It is colorless or yellowish, slightly viscous, almost odorless clear liquid; odorless, or with a slight, characteristic odor.

### Information

Chemical name	Potassium-L(S)-2-hydroxypropionate
Molecular formula	CH <sub>3</sub> CH(OH)COOK
Molecular weight	128.17
CAS	85895-78-9
Packing	Polyethylene drum, Net 250kg or 25kg per drum

### Specification (Complies with: GB、FCC、JSFA、JECFA)

Assay, w/%	≥50 (Not less than 98.0 and not more than 102.0 of the labeled concentration)
Color, APHA	≤30
pH (1+5)	5.0~9.0
Chloride, w/%	≤0.05
Heavy metal (as Pb), mg/kg	≤10
Lead (Pb), mg/kg	≤2
Sulphates, w/%	≤0.005
Sodium, w/%	≤0.1
Cyanide, mg/kg	≤0.5
Methanol and methyl ester, w/%	≤0.025
Citrate, oxalate, tartrate and phosphate	Passed test
Sugars	Passes test
Arsenic (As), mg/kg	≤3
Stereochemical purity, %, L/(L+D)×100	≥98.0