

# PRODUCT DATA

## L-Aluminium Lactate (LP 90)

### Description

L-Aluminium Lactate is highly Aluminium salt of natural L (+) lactic acid, which is produced by fermentation. It is white to cream-colored, almost odorless powder.

### Information

Chemical name	L-Aluminium Lactate
Molecular formula	$\text{AL}(\text{CH}_3\text{CH}(\text{OH})\text{COO})_3$
Molecular weight	294.20
CAS	18917-91-4
Packing	PE bag, Net weight 20kg/bag

### Specification

Identification	The identification of aluminum salt and lactic acid salt
Solution (1→25)	Clear
pH (1+10)	3.0~4.0
Chloride, %	≤0.06
Sulphates, %	≤0.3
Heavy metals (as Pb), %	≤0.002
Iron (Fe), %	≤0.010
Arsenic (As), %	≤0.0002
Loss on drying (105°C 2hs), %	≤1.0
Assay, %	97.0~102.0
Lactic acid assay, %	89.6~93.6
Stereochemical purity, %, L/(L+D)×100	≥98.0