

PRODUCT DATA

L-Methyl Lactate (CRG)

Description

L-Methyl lactate (CRG) is an ester of natural L (+) lactic acid, produced by bio-fermentation from grain starch. It is colorless, clear liquid having a slight characteristic odor. It is easily soluble in alcohol, ether, acetone, ester etc. and hydrolytic partially in water.

Information

Chemical name	Methyl-L(S)-2-hydroxypropionate
Molecular formula	CH ₃ CH(OH)COOCH ₃
Molecular weight	104.11
CAS	27871-49-4
Packing	Polyethylene drum, Net 220kg or 25kg per drum

Specification

Aspect	Clear, colourless liquid
Color, APHA	≤10
Acidity, %	≤0.2
Methanol, %	≤0.2
Water content, %	≤0.2
Organic volatile impurity, %	≤0.5
Residue on evaporation, %	≤0.1
Density (20°C), g/ml	1.080~1.100
Assay, %	≥99.5
Stereochemical purity, %, L/(L+D)×100	≥99.5