

# PRODUCT DATA

## D-Methyl Lactate (CRG)

### Description

D-Methyl lactate is an ester of natural D (-) 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-D(R)-2-hydroxypropionate
Molecular formula	CH <sub>3</sub> CHOHCOOCH <sub>3</sub>
Molecular weight	104.11
CAS	17392-83-5
Packing	polyethylene drum, net 220kg or 25kg per drum

### Specification

Aspect	Clear colourless liquid
Color, APHA	≤25
Acidity, %	≤0.2
Water content, %	≤0.2
Methanol, %	≤0.2
Assay, %	≥99.0
Stereochemical purity, %, D/(L+D)×100	≥99.0
Residue on evaporation, %	≤0.1
Density (20°C), g/ml	1.080~1.100