

PRODUCT DATA

D-Lactic Acid (CRG)

Description

D-Lactic acid(CRG) is the natural D (-) lactic acid, which is produced by bio-fermentation from grain starch. It is colorless or yellowish, nearly odorless, syrupy liquid having a slight acid taste. It is hygroscopic, and all soluble in water, ethanol or ether, but insoluble in chloroform.

Information

Chemical name	D(R)-2-hydroxypropionic acid
Molecular formula	CH ₃ CH(OH)COOH
Molecular weight	90.08
CAS	10326-41-7
Packing	polyethylene drum, net 250kg or 25kg per drum

Specification

Assay, w/%	Not less than 95.0 and not more than 105.0 of the labeled concentration
Stereochemical purity, %, D/(L+D)×100	≥99.0
Color, APHA	≤25
Methanol, w%	≤0.2
Iron (Fe), w/%	≤0.001
Chloride (as Cl), w/%	≤0.001
Sulphate (as SO ₄), w/%	≤0.001
Heavy metals (as Pb), w/%	≤0.0005
Density (20°C), g/ml	1.180~1.240