

PRODUCT DATA

Buffered Lactic Acid (BLFS60)

Description

Buffered lactic acid (BLFS60) is the natural L (+) lactic acid solution buffered with L-sodium lactate. Both are produced by bio-fermentation from grain starch. It is colorless or yellowish, slightly viscous clear liquid. It is odorless, or with a slight characteristic odor, acid taste.

Information

CAS	79-33-4(lactic acid) 867-56-1(sodium lactate)
Packing	polyethylene drum, net 250kg or 25kg per drum

Specification

Color, APHA	≤30
pH (1→10)	2.8~3.2
Chloride (as Cl), w/%	≤0.003
Sulphate (as SO ₄), w/%	≤0.002
Heavy metals (as Pb), mg/kg	≤10
Iron (Fe), w/%	≤0.001
Calcium, mg/kg	≤20
Arsenic(As),mg/kg	≤2.0
Assay (as Lactic acid), w/%	58.0~62.0
Assay (as Sodium lactate), w/%	19.0~21.0
Density (20°C), g/ml	1.240~1.280
Stereochemical purity, % L/(L+D)×100	≥98.0
Lead, mg/kg	≤2.0
Total bacterial count cfu/g	≤30000
E. coli, counts MPN/g	≤15