

Lotioncrafter

48 Hope Ln

Eastsound, WA 98245

Tel: 360-376-8008

Specification Sheet

Lactic Acid 90%

CAS No. 50-21-5

Assay, %	89.5 – 90.5
Color (fresh), APHA	≤ 20
Color (after heating), APHA	≤ 20
Sulfated Ash, %	≤ 0.01
Parameters below were not tested on all lots, but validated by the manufacturer through in-process controls or final product testing.	
Odor	Agreeable
Form	Syrupy liquid
Stereochemical Purity (S-enantiomer), %	≥ 95
Specific Gravity (20°) g/ml	1.20 – 1.22
Heavy Metals Total, ppm	≤ 5
Iron, ppm	≤ 5
Lead, ppm	≤ 0.5
Arsenic, ppm	≤ 1
Calcium, ppm	≤ 10
Chloride, ppm	≤ 10
Sulfate, ppm	≤ 10
Reducing Sugars (USP)	Passes Test
Sugars and Other Reducing Substances	Passes Test
Readily Carbonizable Substances (USP)	Passes Test
Positive Test for Lactate	Passes Test**
Mercury, ppm	≤ 1
Cyanide, ppm	≤ 5
Citric, Oxalic, Phosphoric, Tartaric**	Passes Test**
Volatile Fatty Acids	Passes Test**
Methanol, ppm	≤ 50
Ether Test EP	Passes Test

Country of Origin: Spain

Shelf-life & Storage: 5 years from the date of manufacture, if stored at room temperature in a sealed container.