

Technical Data Sheet

Version: 2.0
Page 1, Total 1

Date: 18 / 6 / 2026



Item Name:

LA

PRODUCT INFORMATION

Chinese Name:	2-羟基丙酸
Commodity Name:	Lactic Acid
Chemical Name:	Lactic Acid
Other Name:	(S)-2-Hydroxy-Propanoic Acid, DL-Lactic Acid
CAS No.:	50-21-5
Molecular Weight:	90.08
Molecular Formula:	C ₃ H ₆ O ₃

PRODUCT DESCRIPTION

The lactic acid, produced by fermentation, is slight yellowish to colorless, syrupy and hygroscopic liquid with slightly acid odor. The product is GRAS.(Generally Recognized as Safe).

TECHNICAL SPECIFICATION

Index	Standard
Stereochemical purity (L-isomer) by wt %	97 min
Content by wt %	88 min
Color, fresh by APHA	50 max
Sulphate by ppm	10 max
Chloride by ppm	10 max
Sulphated ash by wt %	0.1 max
Iron by ppm	10 max
Total heavy metals by ppm	10 max
Lead by ppm	0.5 max
Arsenic by ppm	1 max
Mercury by ppm	1 max
Cyanide by ppm	1 max
Limit of Citric, Oxalic, Phosphoric and Tartaric Acid	passes FCC test
Reducing sugars	passes FCC test

STORAGE

Storage: Keep well closed in its original packing in a cool & dry place.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.