

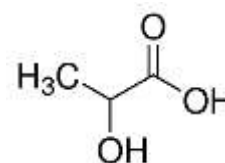


Product Specification

cdhfinechemical.com

L-(+)-LACTIC ACID

PRODUCT CODE	029001
SYNONYMS	(S)-2-Hydroxypropionic acid, Sarcosolactic acid, DL-Lactic Acid
C.I. NO.	N/A
CASR NO.	50-21-5
ATOMIC OR MOLECULAR FORMULA	CH ₃ .CHOH.COOH
ATOMIC OR MOLECULAR WEIGHT	90.08
PROPERTIES	Hygroscopic



PARAMETER LIMIT

Description	A clear & colourless to yellow odourless syrupy liquid.
Solubility	Miscible with water & methanol forming clear & colourless soln.
Minimum Assay (Titrimetric after hydrolysis of anhydrides)	88.0%
Wt.per ml at 20°C	About 1.21 g

MAXIMUM LIMIT OF IMPURITIES

Sulphated ash	0.03%
Chloride (Cl)	0.01%
Sulphate (SO ₄)	0.01%
Iron (Fe)	0.001%

Note(s) : 1] Assay (if applicable) method mentioned.

DANGER

HAZARD STATEMENTS :Harmful if swallowed. May be corrosive to metals. Causes severe skin burns and eye damage.

PRECAUTIONARY STATEMENTS :

Prevention :Wash hands thoroughly after handling. Do not eat, drink or smoke when using this product. Do not breathe dust or mist. Wear protective gloves/clothing and eye/face protection. Wash thoroughly after handling.

Response :Immediately call a POISON CENTER or doctor/physician. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. If on skin or hair: remove/take off immediately all contaminated clothing. Rinse with water/shower. Absorb spillage to prevent material damage. Wash contaminated clothing before reuse. Specific treatment: refer to Label or MSDS.

Disposal: -----

Hazard Pictogram(s) :



GHS05

IMDG Code : 8/III
UN No. : 3265
IATA : 8