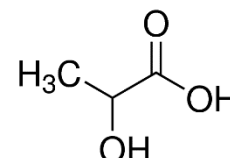


## L-(+)-LACTIC ACID AR

<b>PRODUCT CODE</b>	<b>560735</b>
<b>SYNONYMS</b>	<b>(S)-2-Hydroxypropionic acid, Sarcosolactic acid</b>
<b>C.I. NO.</b>	<b>N/A</b>
<b>CASR NO.</b>	<b>50-21-5</b>
<b>ATOMIC OR MOLECULAR FORMULA</b>	<b>CH<sub>3</sub>.CHOH.COOH</b>
<b>ATOMIC OR MOLECULAR WEIGHT</b>	<b>90.08</b>
<b>PROPERTIES</b>	<b>Hygroscopic</b>



PARAMETER	LIMIT
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Description	A clear odourless syrupy liquid not more than 20 Hazen units in colour. 12-15% of the acid is normally present in the form of anhydrides.
Solubility	Miscible with water & absolute industrial methylated spirit forming clear & colourless solution.
Minimum Assay (Titrimetric after hydrolysis of anhydrides)	88.0%
Wt.per ml at 20°C	About 1.200 - 1.206 g

### MAXIMUM LIMIT OF IMPURITIES

Sulphated ash	0.01%
Chloride (Cl)	0.001%
Sulphate (SO <sub>4</sub> )	0.005%
Arsenic (As)	0.00001%
Copper (Cu)	0.0001%
Iron (Fe)	0.0002%
Lead (Pb)	0.0001%
Reducing sugars	No reaction

**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

Replace 27-03-2014