

DALIAN EASTLAND INTERNATIONAL TRADING CO., LTD

Email: info@dl-eastland.com M.P.: +86 13941157956 (Whatsapp/WeChat)

Lactic Acid 80% Standard

Product code	JD-LA80-01
Chemical name	L-(+)-Lactic Acid, (S)-2-hydroxy- propanoic acid
CAS Number	79-33-4 ; 50-21-5 (general CAS number)
EEC food additive number	E270
Description	The lactic acid, produced by fermentation, is yellowish, syrupy and hygroscopic liquid with slightly acid odor. The product is GRAS.
Molecular formula	$C_3H_6O_3$
Molecular weight	90.08
Stereochemical purity (L- isomer)	Min 97%
Content	Min 80%
Color, fresh	50-150APHA
Sulphate	Max 50ppm
Chloride	Max 20ppm
Sulphated ash	Max 0.1%
Iron	Max 10ppm
Total heavy metals	Max 10ppm
Lead	Max 0.5ppm
Arsenic	Max 3ppm
Mercury	Max 1ppm
Cyanide	Max 5ppm
Limit of citric, oxalic, phosphoric and tartaric Acid	Passes test
Reducing sugars	Passes test

Remarks:

- 1.) 1ppm = 1mg/kg = 0.0001%
- 2.) Sulphated ash = Residue on ignition
- 3.) The product is a yellowish liquid and not heatstable. Because of the existence of some sugars(reducing sugars 0.3-0.5%, total sugars 0.5-0.8%), the color of the product may change with the time going during transport and storage, especially under hot temperature.

Packaging:

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- 1.) 800 x 25kg polydrums = 20mts in one 20'FCL and palletized, totally 20 pallets, 10 pallets of 1200kg each, the other 10 pallets of 800kg each.
- 2.) 80 x 250kg polydrums = 20mts in one 20'FCL and palletized, totally 20 pallets of 1000kg each.
- 3.) 20 x 1200kg IBC = 24mts in one 20'FCL.
- 4.) 23mt flexitank in one 20'FCL.
- 5.) 25mt ISO tanks (The supply and delivery of ISO tanks is not stable.)

Storage Condition:

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

Shelf life: 2 years.

Applications:

- 1.) brewery (beer, cider, sake...), confectionery (highly-bioled candy...), bakery (sour dough, rye bread, wheat bread...), pickles (olives, gherkins, pearl onions...), meat products (sausage, collagen casing), dairy products (cottage cheese, cheese cake, yogurt, ice cream...), margarine, butter, dips and dressings, sauces (ketchups, mayonnaise...), blending food ingredients...
- 2.) plant/house/hospital cleaning products or detergents (descaler, soap-scum remover, anti-bacterial agent), leather(tannery), cigarette(tobacco), olar wafer(to remove bonding adhesive), textiles, coatings ...
- 3.) animal feed (drinking water, premixtures...), seaweed growing ...

Warranty:

This information herein is offered as a guide and is believed to be accurate and reliable as of the date of the printing.

If you have any special requirements which are not listed in our specification, please confirm before your ordering.