



北京泛亚博科商贸有限公司

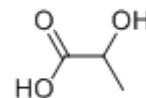
Freebarque Development Group Limited

Rm.1-B-602, Lingdi Office, No.13 Beiyuan Road,
Chaoyang District, Beijing 100012, China.

Tel: +86-10-51095335 Fax: +86-10-51095401

Technical Data Sheet

Chemical Name:	Lactic Acid
Synonyms:	2-Hydroxypropionic acid
Molecular Formula:	C ₃ H ₆ O ₃
Molecular Weight:	90.08
CAS Number:	50-21-5
EINECS Number:	200-018-0



Properties: The product is colorless to light yellow liquid. It is odorless, with hygroscopicity, the relative density is 1.2060(25/4°C), melting point is 18°C, boiling point is 122°C(2KPa), refractive index is n_D(20°C)1.4392. It can mix with water, alcohol and glycerol, can not solved in chloroform, carbon disulfide and petroleum ether.

Quality Standards: GB2023-2003

<u>Items</u>	<u>Specification</u>
Optical Purity	≥95%
Color NO., APHA	≤150
Content	≥80%
Ignition Residue	≤0.1%
Chloride	≤0.002%
Sulfate	≤0.005%
Ferric Salt	≤10mg/kg
As	≤1mg/kg
Heavy Metal	≤10mg/kg
Calcium Salt	Conform
Ether Solubility	Conform
Citric Acid, Oxalic Acid, Phosphoric Acid, Tartaric Acid Phosphoric Acid, Tartaric Acid	Conform
Reducing Sugar	Conform
Cyanide	≤5mg/kg

Package: In 25kg plastic drums.

Usage: Used in food production.



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Storage: Stored in a tightly closed handing. Stored in a cool, dry, well-ventilated area away from incompatible substances. Corrosives area.

Shelf Life: Two years.