

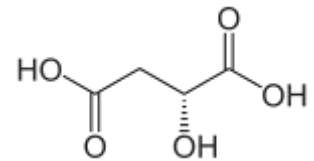
安徽雪郎生物科技股份有限公司

## ANHUI SEALONG BIOTECHNOLOGY CO.,LTD

No. 6 Jinchong Road, Mohekou Industrial Park, Wuhe County Economic Development Zone

Tel: 0086-552-5876000 Fax: 0086-552-5866888 Website: [www.sealong.cn](http://www.sealong.cn)

### DL-Malic Acid



Quality	E-296, FCCXI,EP,USP,BP
Use	Food, Feed,Industrial using
Shelf life	Five years
Chem. Name	DL-Malic Acid, hydroxybutanedioic acid, hydroxysuccinic acid
Formula	C <sub>4</sub> H <sub>6</sub> O <sub>5</sub>
Molecular weight	134,09
CAS-No.	617-48-1
Customs tariff No.	29181990
Packaging and storage	Preserve in tight containers.

Parameters	Method	Specification
Melting Point	E-296/EP	127.0-132.0 °C
Fumaric Acid	E296/FCC/EP	NMT 1.0 %
Maleic Acid	E296/FCC	NMT 0.05 %
Content	E296/FCC/EP	99.0~100.5%
Water insolubles	FCC/USP/EP	NMT 0.1 %
Specific Rotation	E296/FCC	-0.1 to +0.1
Malate	E296/FCC	Positive
Residue on Ignition	E296/FCC	NMT 0.1 %
Arsenic	E296/FCC	NMT 2 ppm
Lead	E296/FCC	NMT 2 ppm
Mercury	E-296	NMT 1 ppm
Heavy Metals	FCC/EP	NMT 10 ppm
Sulphate Ash	E296/FCC	NMT 0.1%

CHARACTERS: WHITE OR NEARLY WHITE CRYSTAL POWDER