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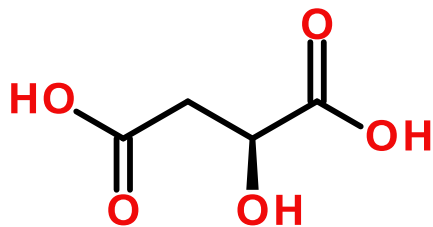
## Product Specifications

### L-(-)-Malic Acid

**CAS** 97-67-6

**Syn:** (S)-(-)-2-Hydroxysuccinic Acid; L-Hydroxybutanedioic Acid

**Structure:**



**Mol. Formula**  
**Source**

**C<sub>4</sub>H<sub>6</sub>O<sub>5</sub>**  
*Synthetic*

**Mol. Wt.**

**134.09**

<i>Test</i>	<i>Specification</i>
<b>Identity</b>	IR
<b>Appearance</b>	White microcryst. solid
<b>Mp</b>	101-103 °C (lit.)
<b>Solubility</b> (100 mg/mL, H <sub>2</sub> O)	Colorless, Clear to very slightly hazy soln.
<b>Purity</b> (titration)	≥ 98%
<b>Sp. Rot., [α]<sub>D</sub></b>	-1.6° to -2.6° (c=2 in H <sub>2</sub> O)
<b>LOD</b>	≤ 1%
<b>Heavy metals</b>	≤ 10 ppm

*Storage:* Maintain in cool, dry, dark containment.