

## Specification Of DL Malic Acid

Item	Specification
1.Assay	≥99.5%
2.Character	White fine powder or crystals
3.Melting Point	202-206(±0.5)°C
4.Specific Optical Rotation	[α] <sub>D20</sub> = + 174.0°- +186.0°
5.Solubility	Soluble in water.alcohol
6.Transparency in water	Transparent colorless no suspended
7.Ph(1% water solution)	5.0-7.0
8.Loss on drying	≤ 0.5%
9.Sulfated ash	≤ 0.5%
10.Heavy metals	≤ 10ppm
11.Arsenic	≤ 1ppm
12.Plumbum	≤ 2ppm
13.Total Plate count	<300cfu/g
14.Yeast & Mold	<100cfu/g
15.Escherichia coli	Negative



<b>16.Staphylococcus aureus</b>	Negative
<b>17.Hydroquinone</b>	Negative

