

L-Lactide (MG)



L-Lactide (MG) has a high purity and is the main raw material for the preparation of medical polylactic acid. It is also an optional raw material for some pharmaceutical intermediates.

Description

| | |
|-------------------|-------------|
| Name | L-lactide |
| Molecular formula | $C_6H_8O_4$ |
| Molecular weight | 144.13 |
| CAS number | 4511-42-6 |

Specification

| Properties | L-Lactide (MG) | Method |
|---------------------------------|---------------------------|--------------|
| Appearance | White platelets or powder | |
| Melting range, °C | 90~100 | DSC |
| Assay, % | 99 | GC |
| Water content, % | ≤ 0.02 | Karl Fischer |
| Free acid, % | ≤ 0.01 | Titration |
| Optical purity, % L/(L+D) × 100 | ≥ 99.5 | HPLC |

Packing

Aluminum bottle, net weight 1kg/bottle, or compound foil bag, 5kg/bag.

Storage and transportation

Sealed in a cool dry place, temperature ≤ 20 °C, relative humidity ≤ 60%.

