



# Product Specification

## Product Name: GIBBERELIC ACID LR

Alternate Name(s) Gibberellin

### Description

White or light yellow crystalline.

### Properties

Chemical Formula:  $C_{19}H_{22}O_6$

Molecular Weight: 346.38

Product Code: GL003

CAS No. 77-06-5

### General Information:

Slightly soluble in water. Freely soluble in methanol, ethanol, acetone, aqueous solutions of sodium bicarbonate and sodium acetate. Moderately soluble in ethyl acetate.

### Hazard and Safety Data

UN Group: None Allocated

Class: None Allocated

UN Number: None Allocated

Hazchem code: None Allocated

CS MSDS Code: 1CH2X

Poison schedule: Not Scheduled

Emergency

Procedure Guide No.: N/A

### Quality Specification

Assay: 90.0% min.

### Specific Properties and Impurities [Typical levels]:

Specific rotation +75.0° ~ +90.0 °

Loss on drying ≤ 3.0%

Heavy metals ≤ 0.004%

Lead ≤ 0.001%

Arsenic ≤ 0.0003%

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38 - 50 Bedford Street, Gillman SA 5013, Australia ABN 19 008 264 211 PO Box 201, Port Adelaide SA 5015, Australia  
Telephone +61 8 8440 2000 Fax +61 8 8440 2001 E-mail: sales@chemsupply.com.au Web: www.chemsupply.com.au

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