

## Certificate of Analysis

### Compound Information

**Product Name:** Maltose powder

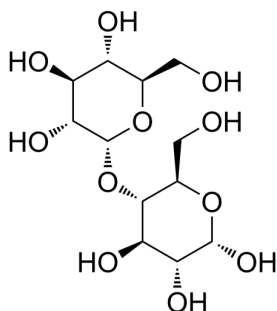
**Cat. No.:** 1971916

**CAS No.:** 69-79-4

**Molecular Formula:** C<sub>12</sub>H<sub>22</sub>O<sub>11</sub>

**Molecular Weight:** 342.30

**Chemical Structure:**



### Batch Information

**Batch No.:** Lg1030329178

**Storage:** Storage temp. 2-8°C

**Test Date:** 2023-10-30

**Retest Date:** 2026-10-29

**Origin:** Shanghai, China

### QC Summary

**Appearance:** White to off-white (Solid)

**<sup>1</sup>H NMR Spectrum:** Consistent with structure

**Purity (NMR):** ≥95.0%

**Optical Rotation:** 146.9° (c=1.21 g/100ml, H<sub>2</sub>O)

**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Research use only and are not intended for human use.**

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