

# Certificate of Analysis

## Compound Information

**Product Name:** Lactose  
**CAS No.:** 63-42-3  
**Cat. No.:** G8175607  
**Molecular Formula:**  $C_{12}H_{22}O_{11}$   
**Molecular Weight:** 342.3

## Batch Information

**Batch No.:** 5243013  
**Test Date:** 2024-06-26  
**Report Date:** 2024-06-27  
**Retest Date:** 2029-12-22  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

Test	Specification	Result
Purity	98%(HPLC)	99.90%
NMR	Consistent with structure	Consistent with structure
Optical Rotation	+54.4 to +55.9	55.49

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

