

# Certificate of Analysis

## Compound Information

**Product Name:** ?-Lactose monohydrate  
**CAS No.:** 5989-81-1  
**Cat. No.:** G2268714  
**Molecular Formula:**  $C_{12}H_{22}O_{11} \cdot H_2O$   
**Molecular Weight:** 360.31

## Batch Information

**Batch No.:** 7228942  
**Test Date:** 2024-07-09  
**Report Date:** 2024-07-10  
**Retest Date:** 2030-01-04  
**Storage:** Store in a cool, dry area.  
**Origin:** China

## Test Item

| Test             | Specification             | Result                    |
|------------------|---------------------------|---------------------------|
| Purity           | 99%(HPLC)                 | Conforms to specification |
| NMR              | Consistent with structure | Consistent with structure |
| Optical Rotation | +54.4 to +59.9            | 54.81                     |

## Conclusion

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

## Signature

Reviewed by :



Reviewed by:



Approved by:

