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## CERTIFICATE OF ANALYSIS

Analysis Date: Oct 2025

Re-test Date: Sep 2028

**Product Name: Maltose Monohydrate**

### Identification:

Chemical Name: 4-O- $\alpha$ -D-Glucopyranosyl- $\beta$ -D-glucose monohydrate

Synonyms : NA

CAS Number : 6363-53-7

CAT Number : CP-1375025

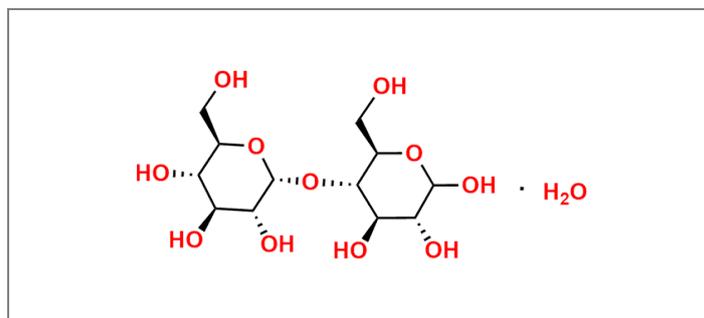
Molecular Formula : C<sub>12</sub>H<sub>22</sub>O<sub>11</sub> · H<sub>2</sub>O

Molecular Weight : 342.29 : 18.02

Batch Number : CP-MAL-MH-1025

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By ELSD	99.00%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	IR	Confirm to Structure
7)	Weight loss by TGA	-
8)	Potency by TGA	-



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**



Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.