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### CERTIFICATE OF ANALYSIS

Analysis Date:

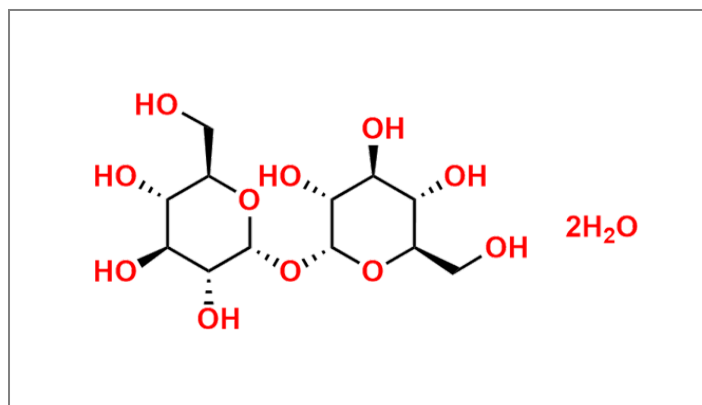
Re-test Date:

**Product Name: Trehalose Dihydrate (In House Standard)**

#### Identification:

Chemical Name:  $\alpha$ -D-Glucopyranosyl  $\alpha$ -D-glucopyranoside dihydrate (as per EP & USP)

Synonyms : NA  
CAS Number : 6138-23-4  
CAT Number : CP-T175001  
Molecular Formula : C<sub>12</sub>H<sub>22</sub>O<sub>11</sub> : 2(H<sub>2</sub>O)  
Molecular Weight : 342.3 : 2(18.02)



#### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>98%
5)	H1NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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