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## CERTIFICATE OF ANALYSIS

Analysis Date: Feb 2026

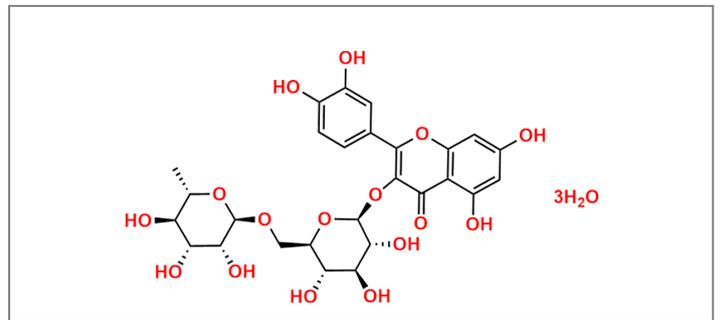
Re-test Date: Jan 2029

**Product Name: Rutin Trihydrate**

### Identification:

Chemical Name: 2-(3,4-Dihydroxyphenyl)-5,7-dihydroxy-4H-chromen-4-one-3-yl 6-O- $\alpha$ -l-rhamnopyranosyl- $\beta$ -d-glucoside trihydrate(as per USP)

Synonyms : NA  
CAS Number : 250249-75-3  
CAT Number : CP-R73001  
Molecular Formula : C<sub>27</sub>H<sub>30</sub>O<sub>16</sub> : 3(H<sub>2</sub>O)  
Molecular Weight : 610.52 : 3(18.02)  
Batch Number : CP-RUT-0226  
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	Pale Yellow Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	90.50%
5)	<sup>1</sup> H NMR	Confirm to structure
6)	<sup>13</sup> C NMR	Confirm to Structure
7)	IR	Confirm to Structure
8)	Weight loss by TGA	-
9)	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.