

CERTIFICATE OF ANALYSIS

Date: 10-02-2026

Product Name	Neohesperidin		
Chemical Name	(S)-7-(((2S,3R,4S,5S,6R)-4,5-Dihydroxy-6-(hydroxymethyl)-3-((2S,3R,4R,5R,6S)-3,4,5-trihydroxy-6-methyltetrahydro-2H-pyran-2-yl)oxy)tetrahydro-2H-pyran-2-yl)oxy)-5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)chroman-4-one		
Structure	<p>The chemical structure of Neohesperidin is a complex tricyclic compound. It features a central chromane ring substituted with a 4-hydroxyphenyl group at the 4-position. The 2-position of the chromane ring is substituted with a 3,4,5-trihydroxy-6-methyltetrahydro-2H-pyran-2-yl group. The 7-position of the chromane ring is substituted with a 5-hydroxy-2-(3-hydroxy-4-methoxyphenyl) group. The structure includes multiple hydroxyl groups (OH) and a methyl group (CH3).</p>		
Batch No.	-	CAS No.	13241-33-3
Analysis Date	-	Retest Date	-
Mol. Formula	C ₂₈ H ₃₄ O ₁₅	Molecular Wt.	610.6
Long term Storage Condition	Store at 2-8 °C in well closed container		
Handling and Transit Condition	25-30 °C in well closed container		

Test	Result
Appearance	-
Solubility	-
1H-NMR	Conforms to structure
MASS	Conforms to structure
Chromatographic Purity	>90%

Note: This material should be used for research purpose and not for human or animal consumption. Any patent applicable for this product in any country is not applicable for this analytical standard/research chemical.

	Prepared By	Checked By	Approved By
Signature			
Date			

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