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## CERTIFICATE OF ANALYSIS

Analysis Date: May 2026

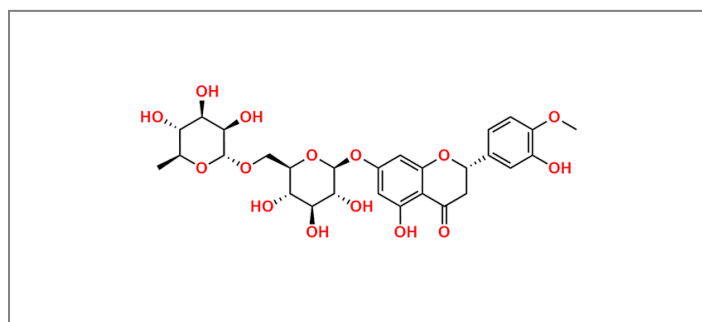
Re-test Date: Apr 2029

**Product Name: Diosmin EP Impurity B**

### Identification:

Chemical Name: (2S)-7-[[6-O-(6-Deoxy- $\alpha$ -L-mannopyranosyl)- $\beta$ -D-glucopyranosyl]oxy]-2,3-dihydro-5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-1-benzopyran-4-one

Synonyms : Hesperidin  
CAS Number : 520-26-3  
CAT Number : CP-D45010  
Molecular Formula : C<sub>28</sub>H<sub>34</sub>O<sub>15</sub>  
Molecular Weight : 610.6  
Batch Number : CP-DIO-B-0526  
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	Off White Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	Mass Spectrometry	Confirm to structure
4)	Purity By HPLC	97.34%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	0.648%
7)	Potency	96.71%



#### Prepared and Reviewed By

  
Mr. Shubham Bondre  
(Quality Control)

#### Approved By

  
Mr. Abhijit Kale  
(Quality Assurance)

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