

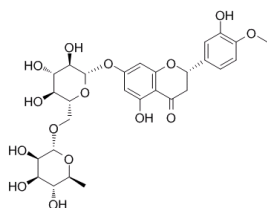
## Certificate of Analysis

**Product Name:** Hesperidin  
**Cat. No.:** HY-15337  
**CAS No.:** 520-26-3  
**Batch No.:** 21115  
**Chemical Name:** 4H-1-Benzopyran-4-one, 7-[[[6-O-(6-deoxy- $\alpha$ -L-mannopyranosyl)- $\beta$ -D-glucopyranosyl]oxy]-2,3-dihydro-5-hydroxy-2-(3-hydroxy-4-methoxyphenyl)-, (2S)-

### PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Formula:** C<sub>28</sub>H<sub>34</sub>O<sub>15</sub>  
**Molecular Weight:** 610.56  
**Storage:**  
Powder            -20°C    3 years  
                         4°C        2 years  
In solvent        -80°C    6 months  
                         -20°C    1 month

**Chemical Structure:**



### ANALYTICAL DATA

**Appearance:** Light yellow to khaki (Solid)  
**<sup>1</sup>H NMR Spectrum:** Consistent with structure  
**LCMS:** Consistent with structure  
**Purity (LCMS):** 97.47%  
**Conclusion:** The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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