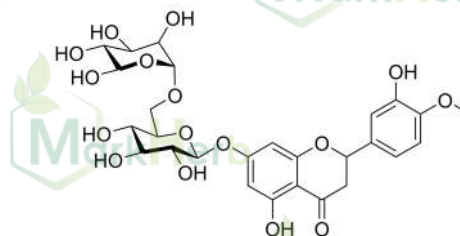


CERTIFICATE OF ANALYSIS

For Laboratory Use Only

Product name Hesperidin
Other names 3',5,7-Trihydroxy 4'-methoxyflavanone 7-rutinoside; Hesperetin 7-rhamnoglucoside; Hesperitin-7-rutinoside
CAS 520-26-3
Catalog No. FLV-3-20
Formula C₂₈H₃₄O₁₅
Molecular mass 610.56 g/mol
Date of sample 02/09/2021
Date of report 02/09/2021



Structure

ANALYTICAL RESULTS

Test	Method	Specification	Result
Appearance	NA	Yellow to white, powder	Yellow to white, powder
Purity	HPLC-UV	> 95%	98%
UV spectrum	UV Spectroscopy	NA	NA
Mass spectrum	LC-MS/MS	NA	NA
NMR	¹ H-NMR, ¹³ C-NMR	NA	NA

NA, not available

STORAGE CONDITIONS

Storage at 6 to 8 °C, keep away from direct light

Transport Room temperature

Digitally signed by
 Andi Rifki Rosandy, Ph.D
 Date: 02.09.2021
 Bandung - Indonesia