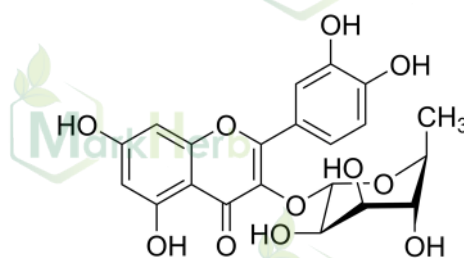


CERTIFICATE OF ANALYSIS

For Laboratory Use Only

Product name Quercitrin
Other names 3,3',4',5,7-Pentahydroxyflavone 3-rhamnoside; 3-O-Rhamnosyl quercetin; Quercetin 3-rhamnoside; Quercimelin; Quercitroside; Kuersitrin (INA)
CAS 522-12-3
Catalog No. FLV-10-10
Formula C₂₁H₂₀O₁₁
Molecular mass 448.38 g/mol
Date of sample 02/09/2020
Date of report 22/10/2020



Structure

ANALYTICAL RESULTS

Test	Method	Specification	Result
Appearance	NA	White to yellow, powder	Pale yellow, powder
Purity	HPLC-UV	> 90%	99.68%
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
 Dr. rer.nat. Agus Chahyadi
 Date: 22.10.2020
 Bandung - Indonesia