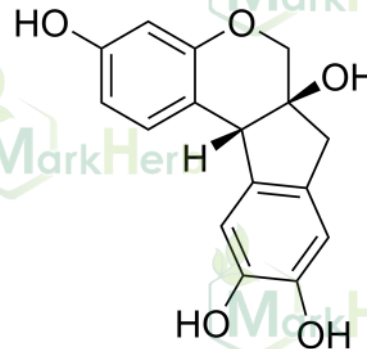


CERTIFICATE OF ANALYSIS

For Laboratory Use Only

Product name Brazilin
Other names 6,6a,7,11b-Tetrahydro-3,6a,9,10-tetrahydroxyindeno[2,1-c]chromene; Brasilin; Natural Red 24
CAS 474-07-7
Catalog No. FLV-15-1
Formula C₁₆H₁₄O₅
Molecular mass 286.28 g/mol
Date of sample 02/09/2021
Date of re-evaluation -
Date of report 02/09/2021



Structure

ANALYTICAL RESULTS

Test	Method	Specification	Result
Appearance	NA	Dark Red, powder	Dark Red, 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
Water content	NA	NA	NA
Adjusted purity	NA	NA	NA

NA, not available

STORAGE CONDITIONS

Storage at -20 °C, keep away from direct light
Transport at 6 to 8 °C with ice pack

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