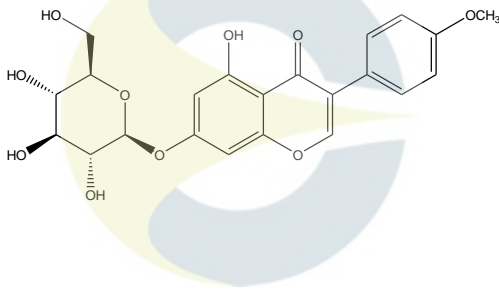


Certificate of Analysis

For Laboratory Use Only

PRODUCT NAME	Biochanin-7-O-Glucoside	<div style="text-align: center;"> Structure  </div>
PART NUMBER	00002286	
STANDARD TYPE	Analytical Standard (AS)	
LOT NUMBER	00002286-805	
REPORT NUMBER	CDXA-RSS-8157-01	
DATE OF SAMPLE	08/01/2018	
DATE OF RE-EVALUATION	08/20/2021	
DATE OF REPORT	08/30/2021	

CHEMICAL NAMES	7-(β-D-Glucopyranosyloxy)-5-hydroxy-3-(4-methoxyphenyl)-4H-1-benzopyran-4-one; 5-Hydroxyl ononin; Sissotrin
CHEMICAL FORMULA	C ₂₂ H ₂₂ O ₁₀
MOLECULAR WEIGHT (MW)	446.40
CHEMICAL FAMILY	Flavonoids
CAS NUMBER	[5928-26-7]
EC#(EINECS)	NA
RTECS	NA

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
HPLC	See Below	≥ 75%	99.5%
Appearance	NA	NA	Off-white powder

STORAGE CONDITIONS

STORAGE	+4 °C in a dry place.
EXPIRATION DATE	07/2026 under the above conditions.

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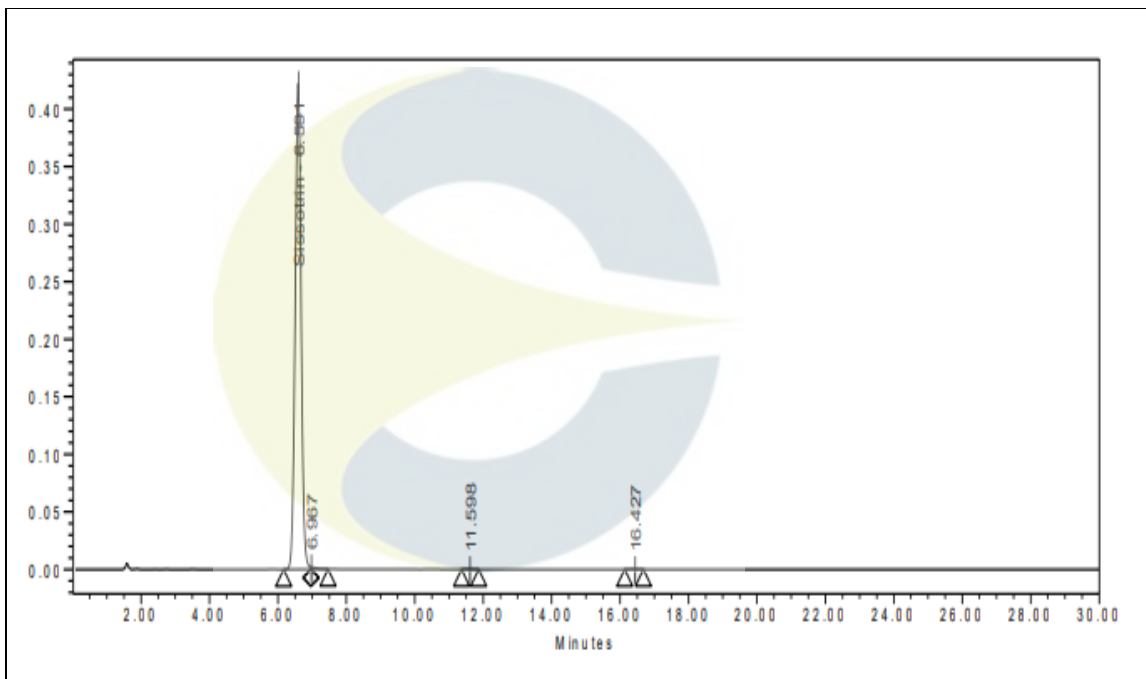
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ANALYTICAL CONDITIONS

INSTRUMENT	HPLC
COLUMN	Symmetry Shield RP18 - 150 x 4.6 mm, particle size 3.5µm
MOBILE PHASE	Water / Methanol / Acetonitrile (50/40/10, V/V/V)
COLUMN TEMP.	30 °C
FLOW RATE	1.0 mL/minute
INJECTION VOL.	5 µL
INJECTION CONC.	Ethanol with 10% Dimethyl Sulfoxide
DETECTION	254 nm

HPLC CHROMATOGRAM OF BIOCHANIN-7-O-GLUCOSIDE



REVISION HISTORY

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	08/07/2018	New report
01	08/30/2021	Updated expiration date and chromatogram

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