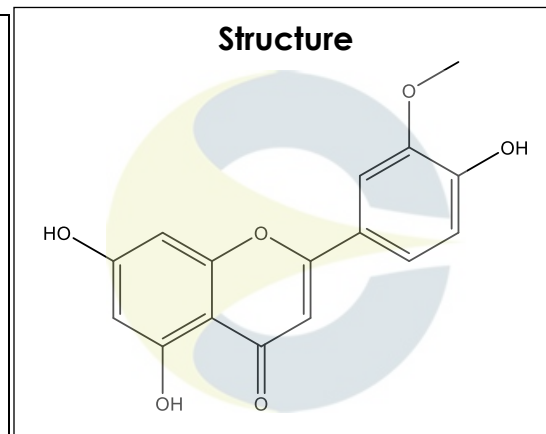


Certificate of Analysis

For Laboratory Use Only

PRODUCT NAME	Chrysoeriol
PART NUMBER	00003630
STANDARD TYPE	Analytical Standard (AS)
LOT NUMBER	00003630-810
REPORT NUMBER	CDXA-RSS-8071-01
DATE OF SAMPLE	06/18/2018
DATE OF REEVALUATION	10/11/2021
DATE OF REPORT	02/04/2022



CHEMICAL NAMES	5,7-Dihydroxy-2-(4-hydroxy-3-methoxyphenyl)-4H-1-benzopyran-4-one; 4',5,7-Trihydroxy-3'-methoxy-flavone; 3'-Methoxyapigenin; 3'-O-Methyluteolin
CHEMICAL FORMULA	C ₁₆ H ₁₂ O ₆
MOLECULAR WEIGHT (MW)	300.26
CHEMICAL FAMILY	Flavonoids
CAS NUMBER	[491-71-4]
EC#(EINECS)	207-742-6
RTECS	LK9278000

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
HPLC - Purity	See Below	≥ 75%	99.9%
HPLC - Identity	See Below	Conforms	Conforms
Appearance	NA	NA	Yellow powder

STORAGE CONDITIONS

STORAGE	+4 °C in a dry place.
EXPIRATION DATE	10/2026 under the above conditions.

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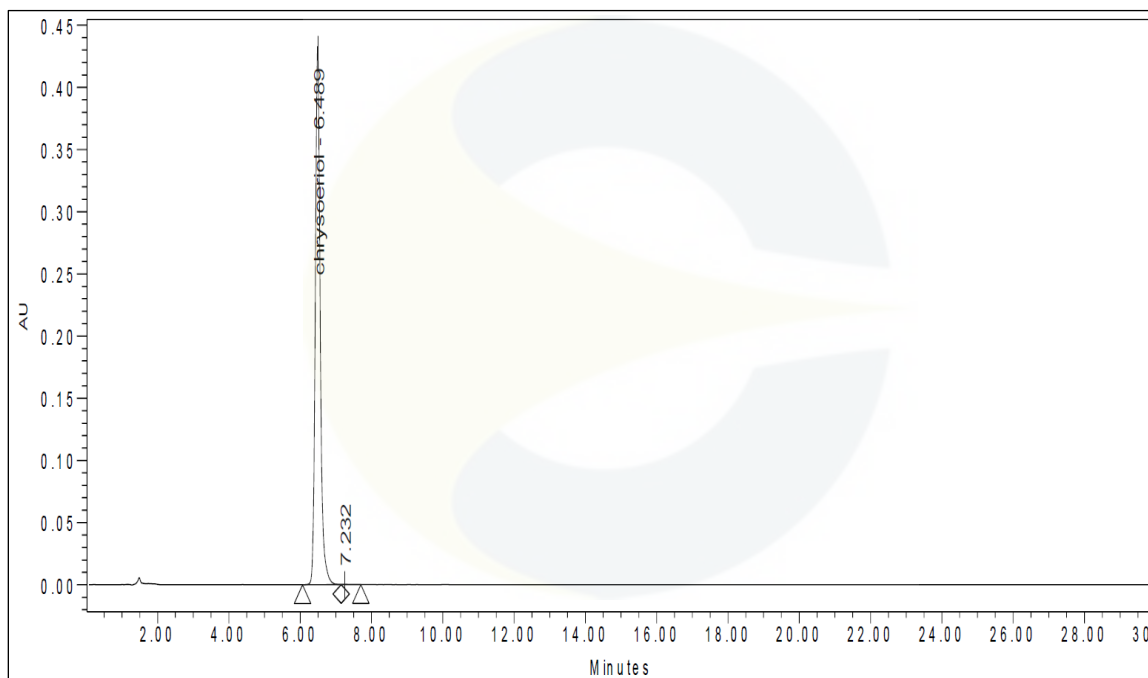
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ANALYTICAL CONDITIONS

INSTRUMENT	HPLC/UV
COLUMN	Symmetry Shield RP18 - 150 x 4.6 mm, 3.5 µm particle size
MOBILE PHASE	A – 0.1% H ₃ PO ₄ (aq) : Acetonitrile (55:45) Isocratic for 30 minutes.
COLUMN TEMP.	30 °C
FLOW RATE	1.0 mL/minute
INJECTION VOL.	5.0 µL
INJECTION CONC.	Ethanol + 10% DMSO
DETECTION	254 nm

HPLC CHROMATOGRAM OF CHRYSOERIOL



REVISION HISTORY

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	06/25/2018	New report
01	02/04/2022	Material passed reevaluation by HPLC. Updated analytical results, analytical conditions, chromatogram, molecular weight, and expiration date.

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