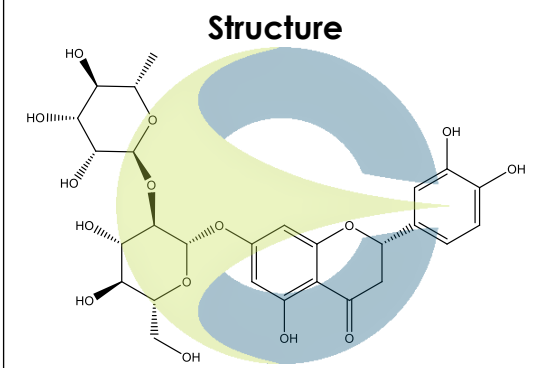


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PRODUCT NAME	Eriodictyol-7-O-Neohesperidoside	 <p>Structure</p>
PART NUMBER	00005190	
STANDARD TYPE	Analytical Standard (AS)	
LOT NUMBER	00005190-211	
REPORT NUMBER	CDXA-RSS-9881-00	
DATE OF SAMPLE	08/04/2022	
DATE OF REPORT	08/10/2022	

CHEMICAL NAMES	(2S)-7-[[2-O-(6-Deoxy-α-L-mannopyranosyl)-β-D-glucopyranosyl]oxy]-2-(3,4-dihydroxyphenyl)-2,3-dihydro-5-hydroxy-4H-1-benzopyran-4-one; Neoeriodictin
CHEMICAL FORMULA	C ₂₇ H ₃₂ O ₁₅
MOLECULAR WEIGHT (MW)	596.53
CHEMICAL FAMILY	Flavanones
CAS NUMBER	[13241-32-2]
EC#(EINECS)	236-215-3
RTECS	DJ2979530

ANALYTICAL RESULTS

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

STORAGE CONDITIONS

STORAGE	+4 °C in a dry place.
EXPIRATION DATE	07/2027 under the above conditions.

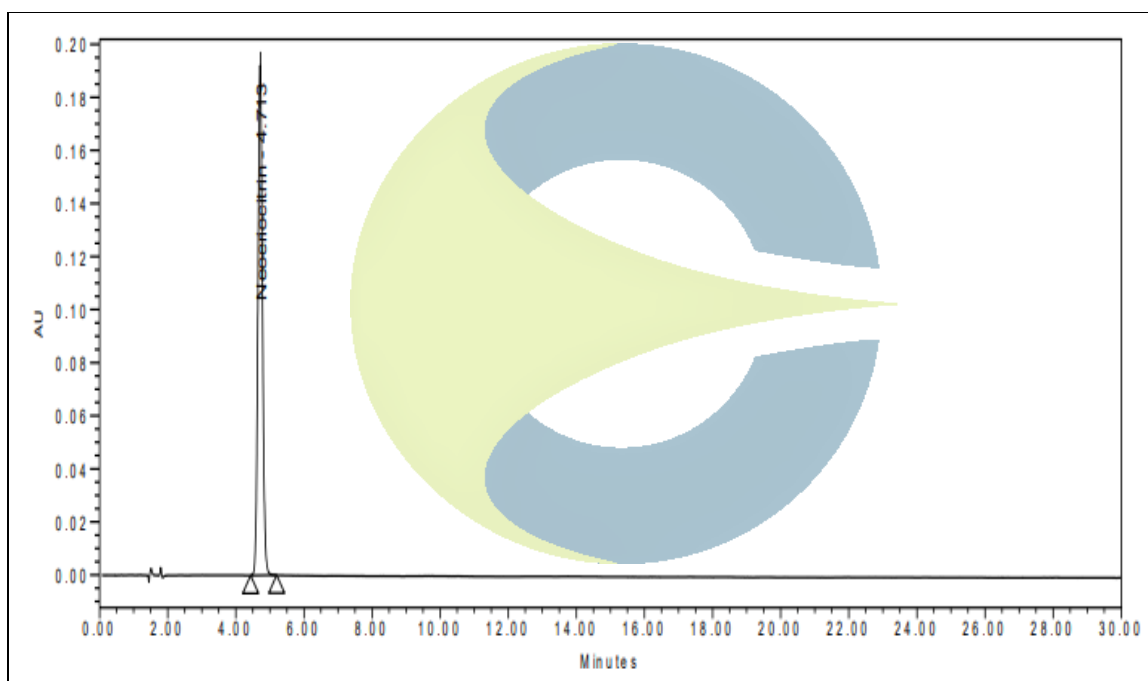
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ANALYTICAL CONDITIONS

INSTRUMENT	HPLC/UV-VIS
COLUMN	Symmetry Shield RP18; 150 x 4.6 mm; 3.5 µm particle size
MOBILE PHASE	0.1% Phosphoric acid (aq): Methanol: Acetonitrile (65:25:10) Isocratic for 30 minutes
COLUMN TEMP.	30 °C
FLOW RATE	1.0 mL/minute
INJECTION VOL.	5.0 µL
INJECTION SOLVENT	Ethanol
DETECTION	280 nm

HPLC CHROMATOGRAM OF ERIODICTYOL-7-O-NEOHESPERIDOSIDE

REVISION HISTORY

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	08/10/2022	New report

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