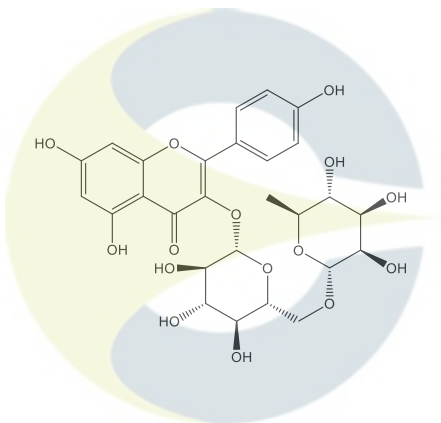


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PRODUCT NAME	Kaempferol-3-O-Rutinoside	<div style="text-align: center;"> Structure  </div>
PART NUMBER	00011145	
STANDARD TYPE	Analytical Standard (AS)	
LOT NUMBER	00011145-022	
REPORT NUMBER	CDXA-RSS-9218-01	
SAMPLE NUMBER	CD	
DATE OF SAMPLE	12/02/2020	
DATE OF RE-EVALUATION	03/09/2023	
DATE OF REPORT	03/17/2023	

CHEMICAL NAMES	3-[[6-O-(6-deoxy- α -L-mannopyranosyl)- β -D-glucopyranosyl]oxy]-5,7-dihydroxy-2-(4-hydroxyphenyl)-4H-1-Benzopyran-4-one; Nicotiflorin; 3,4',5,7-tetrahydroxy-flavone 3-rhamnoglucoside
CHEMICAL FORMULA	C ₂₇ H ₃₀ O ₁₅
MOLECULAR WEIGHT (MW)	594.53
CHEMICAL FAMILY	Flavones
CAS NUMBER	[17650-84-9]
EC#(EINECS)	685-716-7
RTECS	DJ2979502

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
HPLC - Purity	See Below	≥ 75%	98.8%
HPLC - Identity	See Below	Conforms	Conforms
Appearance	NA	NA	Yellow Powder

STORAGE CONDITIONS

STORAGE	+4 °C in a dry place.
EXPIRATION DATE	02/2028 under the above conditions.

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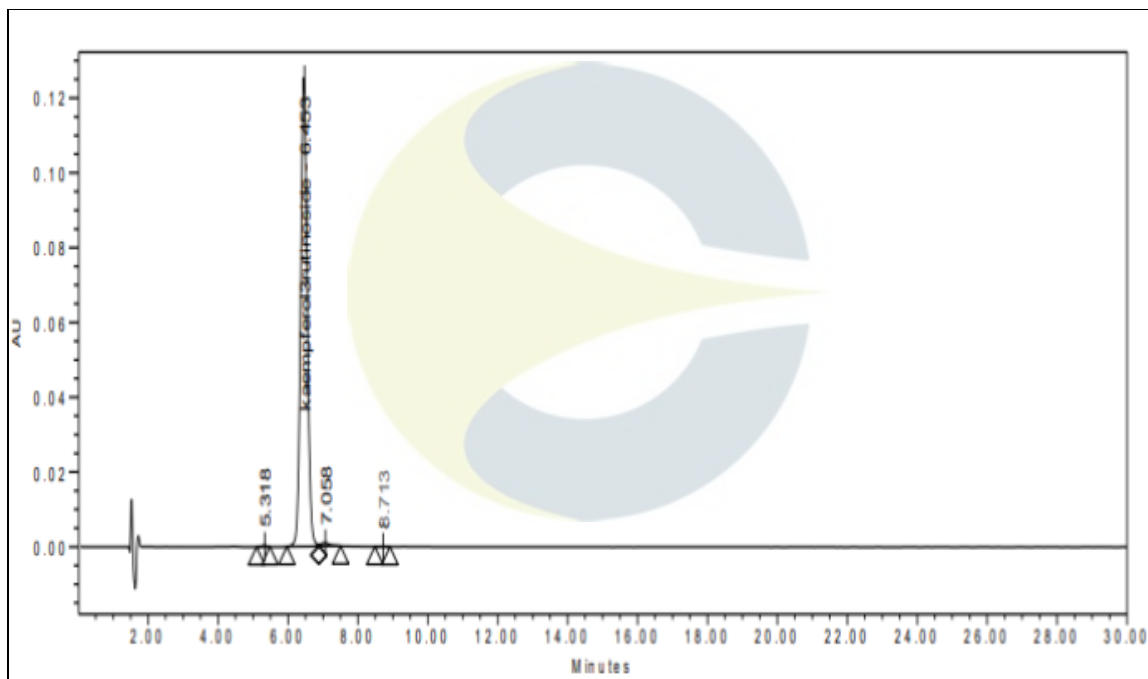
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ANALYTICAL CONDITIONS

INSTRUMENT	HPLC/UV-VIS
COLUMN	Novapack C18, 4.6 x 150 mm, 4 µm particle size
MOBILE PHASE	A – Water + 5% acetic acid / Acetonitrile (85/15) Isocratic for 30 minutes.
COLUMN TEMP.	30 °C
FLOW RATE	1.0 mL/minute
INJECTION VOL.	5 µL
INJECTION SOLVENT	Methanol
DETECTION	254 nm

HPLC CHROMATOGRAM OF KAEMPFEROL-3-O-RUTINOSIDE



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REVISION HISTORY

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	12/11/2020	New report
01	03/17/2023	Passed re-evaluation by HPLC. Updated expiration date, analytical chromatograms and results

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