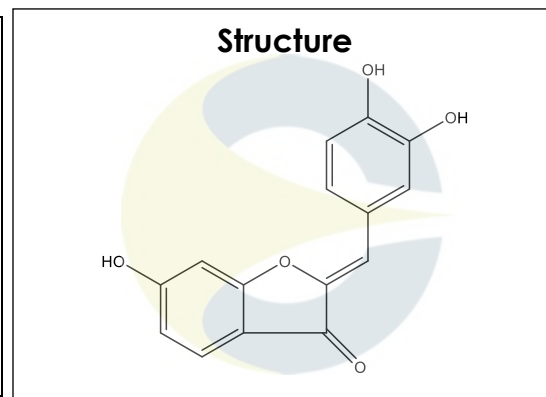


Certificate of Analysis

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PRODUCT NAME	Sulfuretin
PART NUMBER	00019410
STANDARD TYPE	Analytical Standard (AS)
LOT NUMBER	00019410-010
REPORT NUMBER	CDXA-RSS-9233-00
DATE OF SAMPLE	04/20/2018
DATE OF REPORT	01/04/2021



CHEMICAL NAMES	(2Z)-2-((3,4-Dihydroxyphenyl)methylene)-6-hydroxy-3(2H)-benzofuranone; 3',4',6-Trihydroxyaurone; 3',4',6-Trihydroxybenzalcoumaranone
CHEMICAL FORMULA	C ₁₅ H ₁₀ O ₅
MOLECULAR WEIGHT (MW)	270.24
CHEMICAL FAMILY	Flavonoids
CAS NUMBER	[120-05-8]
EC#(EINECS)	204-366-4
RTECS	DF7947000

ANALYTICAL RESULTS

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

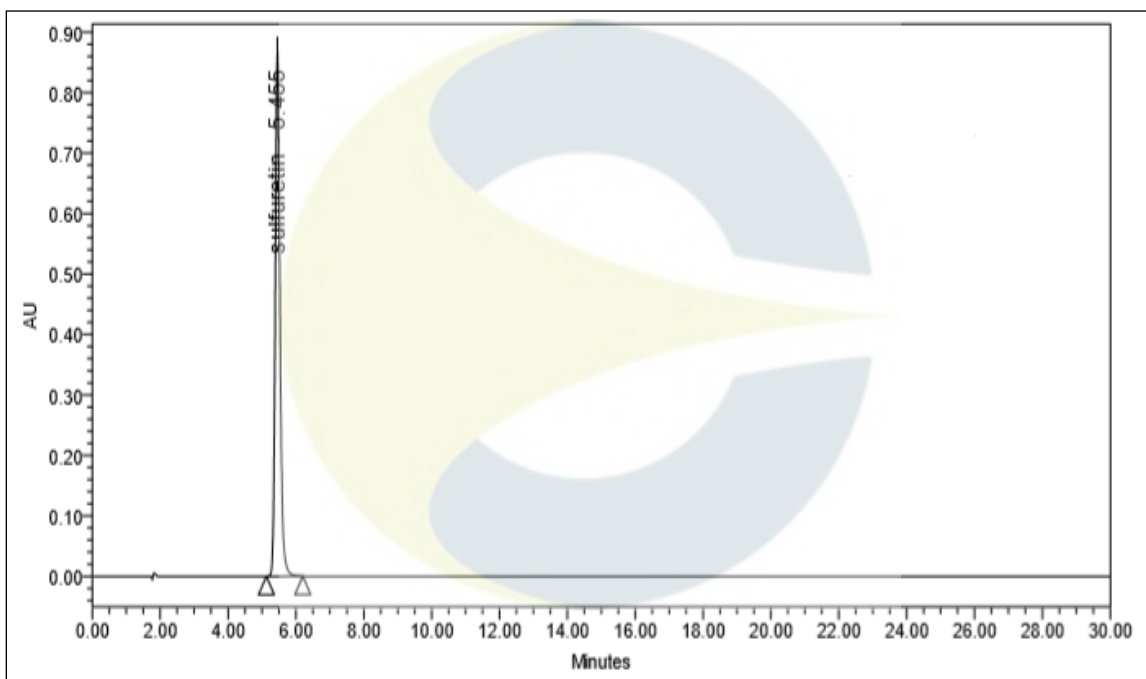
STORAGE CONDITIONS

STORAGE	+4 °C in a dry place.
EXPIRATION DATE	04/2022 under the above conditions.

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ANALYTICAL CONDITIONS

INSTRUMENT	HPLC UV-VIS
COLUMN	Symmetry Shield RP18 – 4.6 x 150 mm, 3.5 µm particle size
MOBILE PHASE	Water +5% AcOH 40 / MeOH 60 (v/v)
COLUMN TEMP.	30 °C
FLOW RATE	1.0 mL/minute
INJECTION VOL.	5.0 µL
INJECTION SOLVENT	Ethanol
DETECTION	254 nm

HPLC CHROMATOGRAM OF SULFURETIN

REVISION HISTORY

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	01/04/2021	New report

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