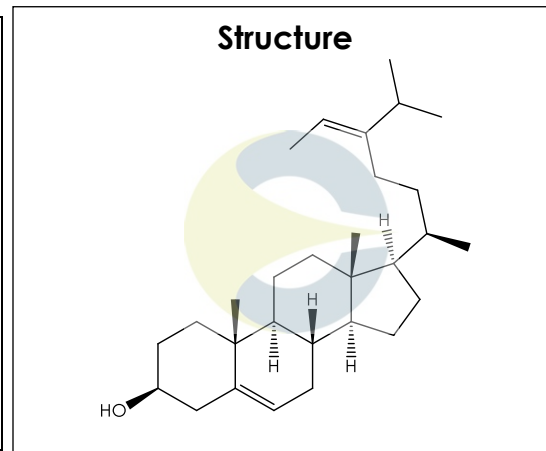


Certificate of Analysis
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PRODUCT NAME	Fucosterol
PART NUMBER	00006291
STANDARD TYPE	Analytical Standard (AS)
LOT NUMBER	00006291-813
REPORT NUMBER	CDXA-RSS-8653-00
SAMPLE NUMBER	CDXP-19-00521
DATE OF SAMPLE	09/03/2019
DATE OF REPORT	10/03/2019



CHEMICAL NAMES	(3 β ,24E)-Stigmasta-5,24(28)-dien-3-ol; trans-Stigmasta-5,24(28)-dien-3 β -ol; Fucosterin
CHEMICAL FORMULA	C ₂₉ H ₄₈ O
MOLECULAR WEIGHT (MW)	412.69
CHEMICAL FAMILY	Steroids
CAS NUMBER	[17605-67-3]
EC#(EINECS)	NA
RTECS	WJ2457500

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
HPLC	0.700.10.2.METH22	NA	97.7%
Mass Spectrum	0.700.12.27 v4	Conforms	Conforms
Appearance	NA	NA	White powder

STORAGE CONDITIONS

STORAGE	+4 °C in a dry place.
EXPIRATION DATE	09/2024 under the above conditions.

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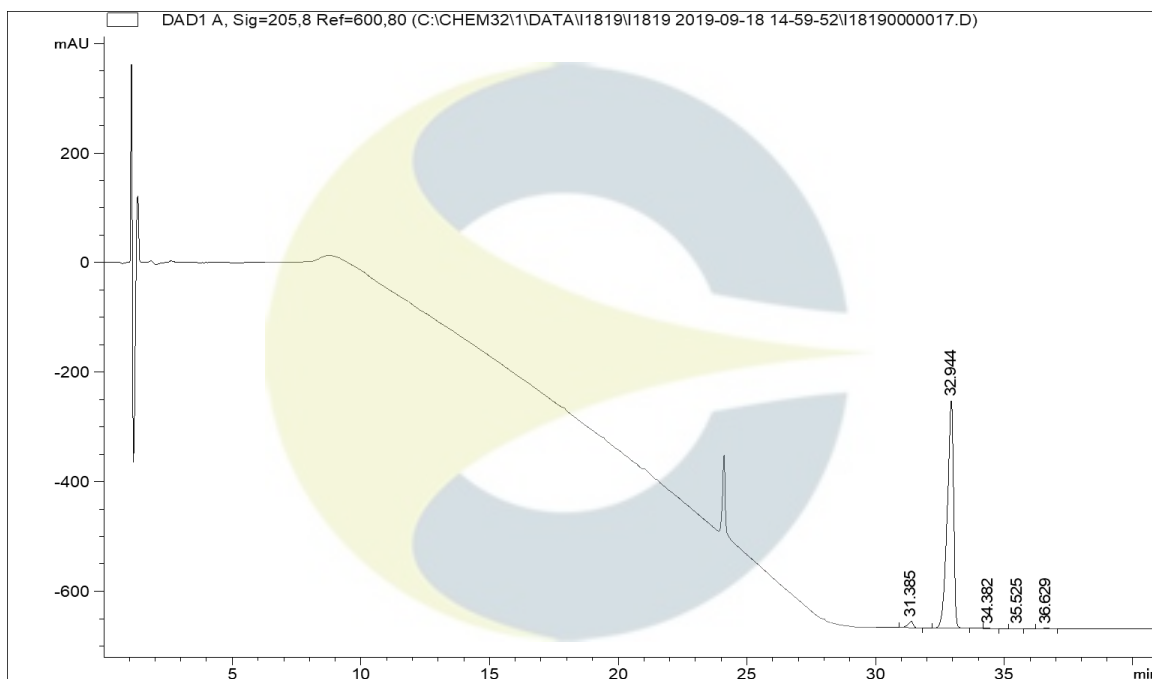
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ANALYTICAL CONDITIONS

INSTRUMENT	AGILENT 1260 HPLC UV-VIS (DAD); AB-SCIEX 6600 TRIPLE TOF
COLUMN	Phenomenex Luna C18(2) 150 x 2.00 mm, 5 µm particle size
MOBILE PHASE	A - 0.1% Trifluoroacetic acid in Ultrapure water, B - Acetonitrile; Isocratic 5% B for 5 minutes, then increasing to 95% B over 20 minutes. Hold at 95% B for 15 minutes.
COLUMN TEMP.	60 °C
FLOW RATE	0.4 mL/minute
INJECTION VOL.	2.0 µL
INJECTION CONC.	1.3 mg/mL in Methanol
DETECTION	205 ± 4 nm

HPLC CHROMATOGRAM OF FUCOSTEROL (CDXP-19-00521)

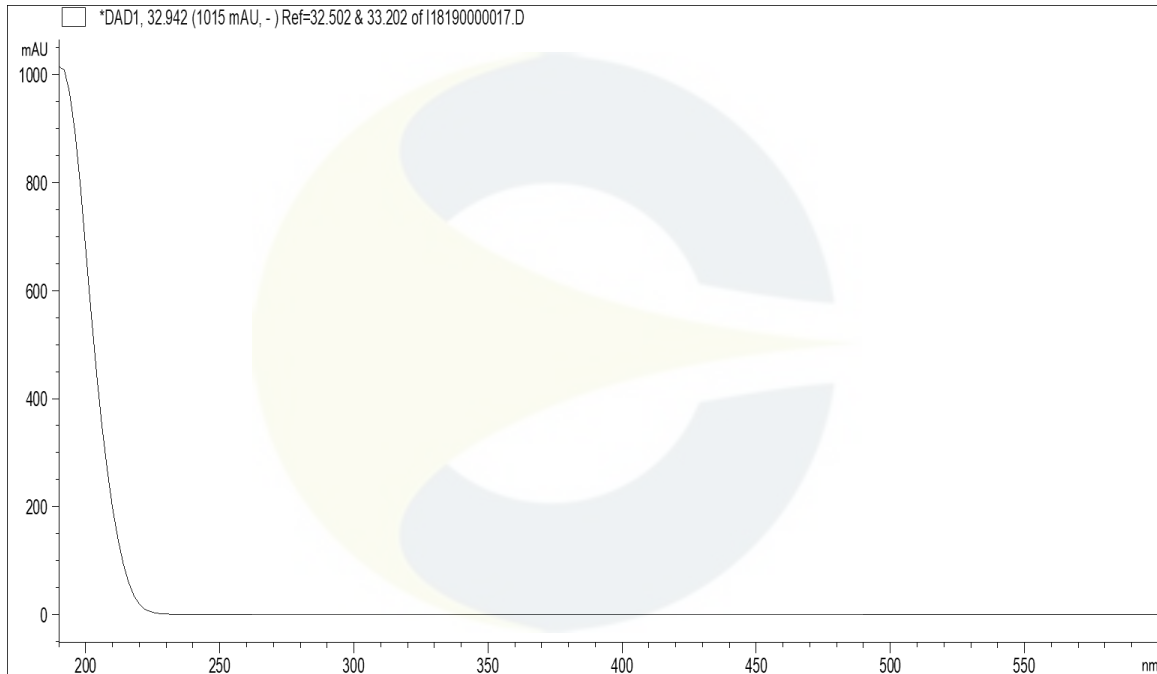


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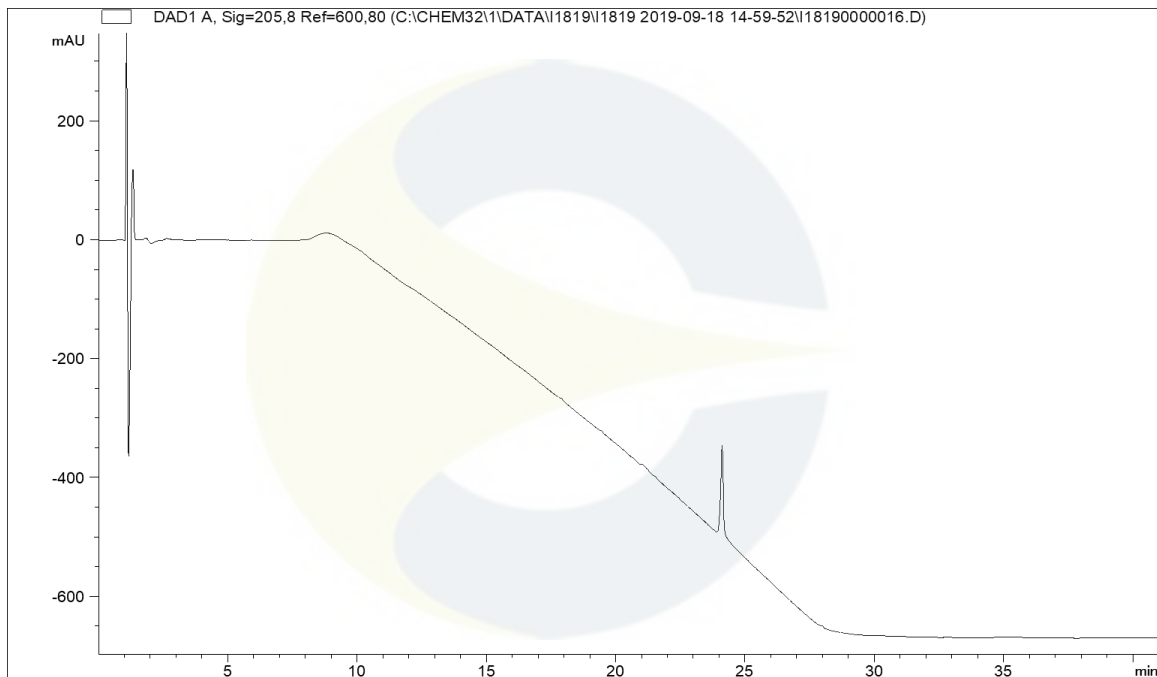
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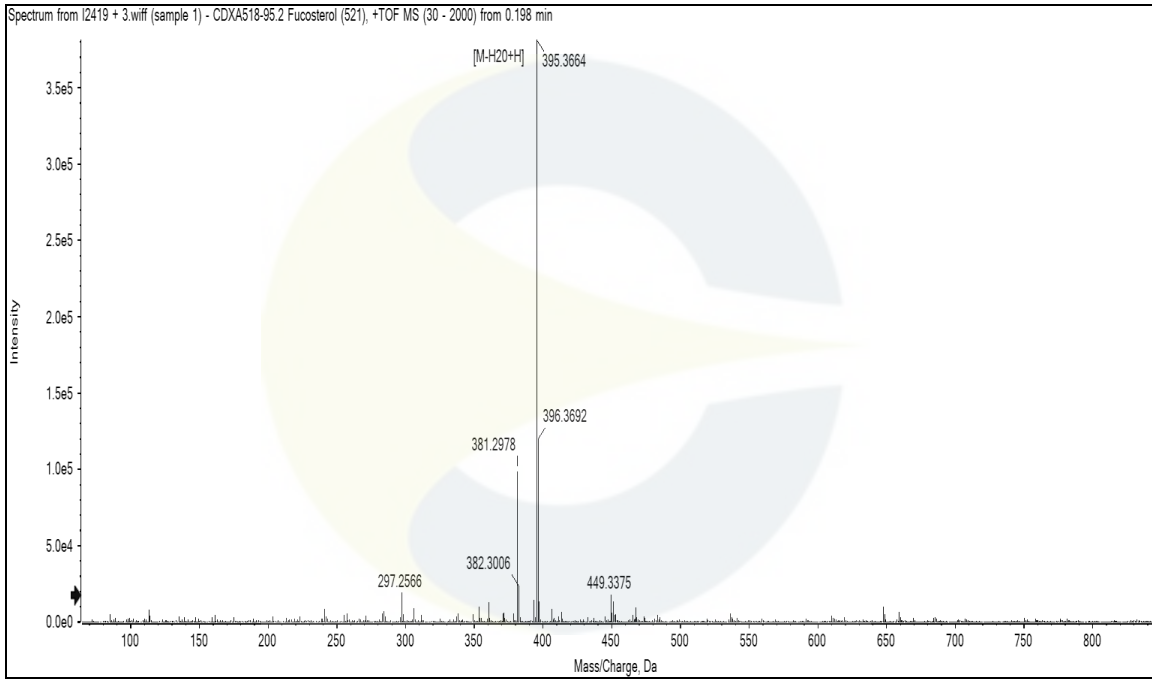
UV SPECTRUM AT RT 32.9 MINUTES



HPLC CHROMATOGRAM OF DILUENT BLANK



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MASS SPECTRUM OF FUCOSTEROL (CDXP-19-00521)

REVISION HISTORY

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	10/03/2019	New report

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