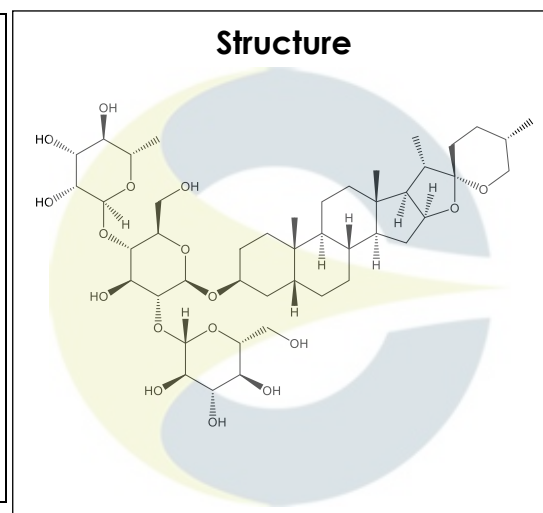


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PRODUCT NAME	Shatavarin IV
PART NUMBER	00019203
STANDARD TYPE	Analytical Standard (AS)
LOT NUMBER	00019203-T13D
REPORT NUMBER	CDXA-RSS-6562-02
SAMPLE NUMBER	CDXP-15-2087
DATE OF SAMPLE	03/16/2015
DATE OF RE-EVALUATION	05/14/2019
DATE OF REPORT	09/20/2022



CHEMICAL NAMES	(3 β ,5 β ,25S)-spirostan-3-yl O-6-deoxy- α -L-mannopyranosyl-(1 \rightarrow 4)-O-[[β -D-glucopyranosyl-(1 \rightarrow 2)]- β -D-Glucopyranoside; Asparanin B; Curillin H
CHEMICAL FORMULA	C ₄₅ H ₇₄ O ₁₇
MOLECULAR WEIGHT (MW)	887.06
CHEMICAL FAMILY	Triterpenes
CAS NUMBER	[84633-34-1]
EC#(EINECS)	NA
RTECS	NA

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
HPLC	99.1-04-1.0-000684	$\geq 75\%$	82.2%
Mass Spectrum	Direct Infusion, ESI (+)	Conforms	Conforms
Appearance	NA	NA	White powder

STORAGE CONDITIONS

STORAGE	Room Temperature in a dry place.
EXPIRATION DATE	05/2024 under the above conditions.

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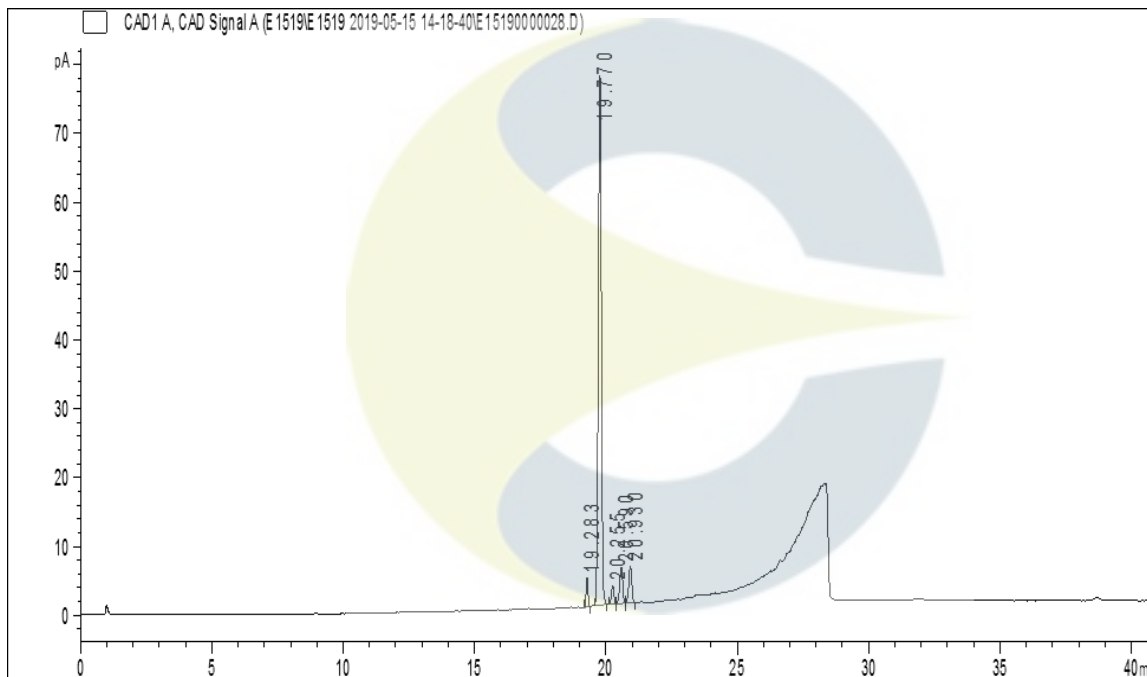
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ANALYTICAL CONDITIONS

INSTRUMENT	AGILENT 1260 HPLC UV-VIS (DAD) CONNECTED TO DIONEX CORONA VEO CHARGED AEROSOL DETECTOR (CAD); AGILENT 6510 QTOF
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, then decreasing to 5% B over 1 minute.
COLUMN TEMP.	60 °C
FLOW RATE	0.4 mL/minute
INJECTION VOL.	2.0 µL
INJECTION CONC.	1.1 mg/mL in Methanol
DETECTION	CAD

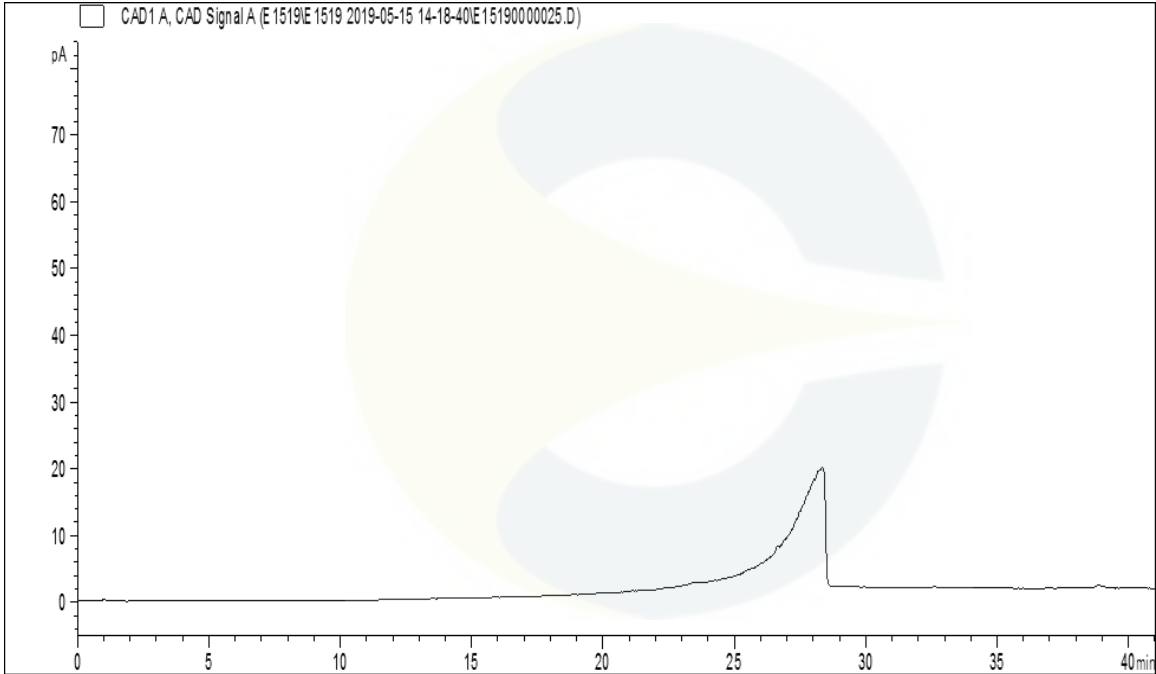
HPLC CHROMATOGRAM OF SHATAVARIN IV (CDXP-15-2087)



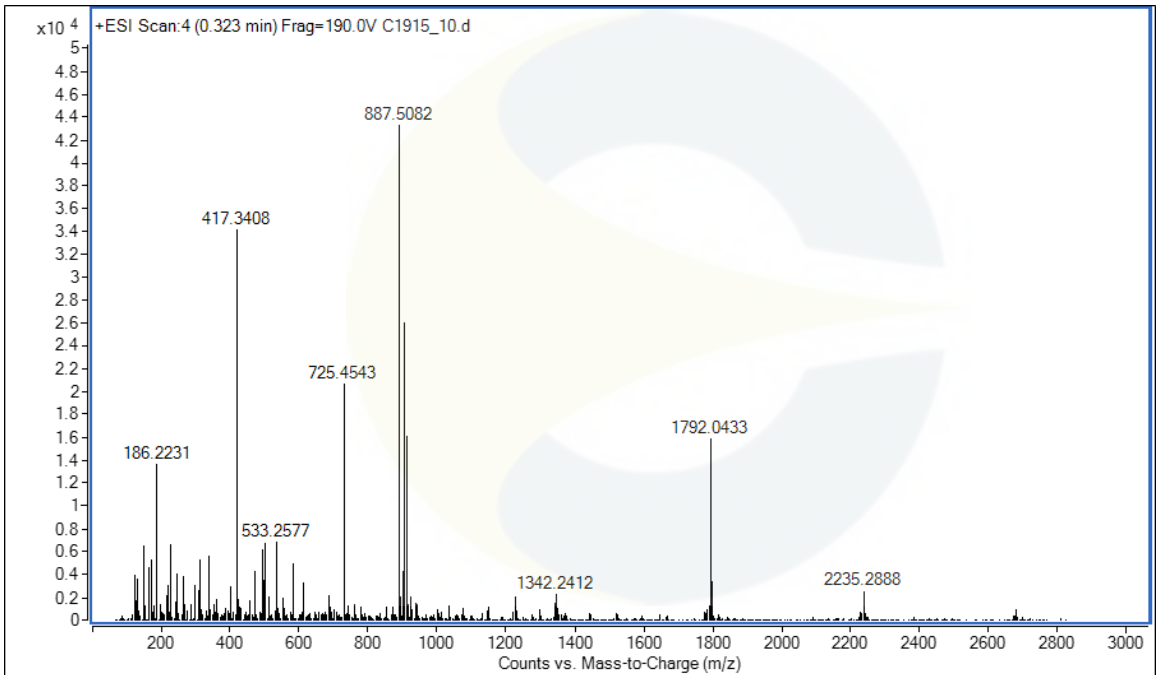
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HPLC CHROMATOGRAM OF DILUENT BLANK



MASS SPECTRUM OF SHATAVARIN IV (CDXP-15-2087)



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REVISION HISTORY

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	04/07/2015	New report
01	06/04/2019	Passed re-evaluation by HPLC. Updated expiration date, Analytical Results table and purity, Analytical Method and chromatograms, Removed melting point.
02	09/20/2022	Corrected lot number. Updated CAS to current number. Updated structure.

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