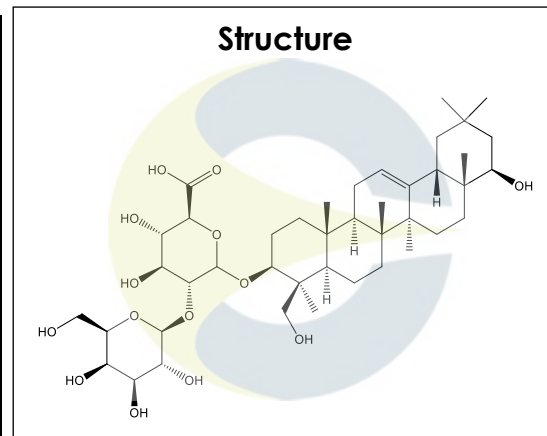


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PRODUCT NAME	Soyasaponin III
PART NUMBER	00019338
STANDARD TYPE	Analytical Standard (AS)
LOT NUMBER	00019338-099
REPORT NUMBER	CDXA-RSS-9039-00
SAMPLE NUMBER	CDXP-20-00413
DATE OF SAMPLE	06/11/2020
DATE OF REPORT	07/16/2020



CHEMICAL NAMES	(3β,4β,22β)-22,23-Dihydroxyolean-12-en-3-yl 2-O-β-D-galactopyranosyl)-β-D-glucopyranosiduronic acid; Soyasaponin Bb'
CHEMICAL FORMULA	C ₄₂ H ₆₈ O ₁₄
MOLECULAR WEIGHT (MW)	796.98
CHEMICAL FAMILY	Saponin
CAS NUMBER	[55304-02-4]
EC#(EINECS)	NA
RTECS	LZ6500560

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
HPLC	0.700.10.2.METH22	NA	93.1%
Mass Spectrum	0.700.12.27	Conforms	Conforms
Appearance	NA	NA	White powder

STORAGE CONDITIONS

STORAGE	+4 °C in a dry place.
EXPIRATION DATE	06/2025 under the above conditions.

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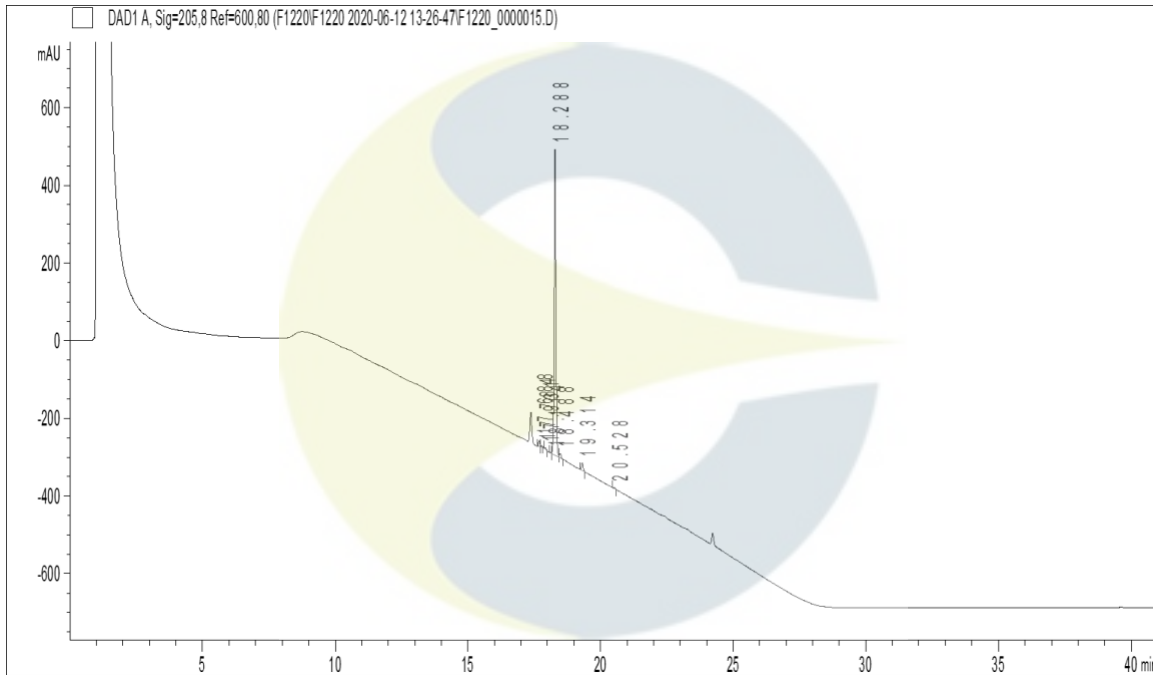
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ANALYTICAL CONDITIONS

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.	4.0 µL
INJECTION CONC.	1.1 mg/mL in Dimethyl Sulfoxide
DETECTION	205 ± 4 nm

HPLC CHROMATOGRAM OF SOYASAPONIN III (CDXP-20-00413)

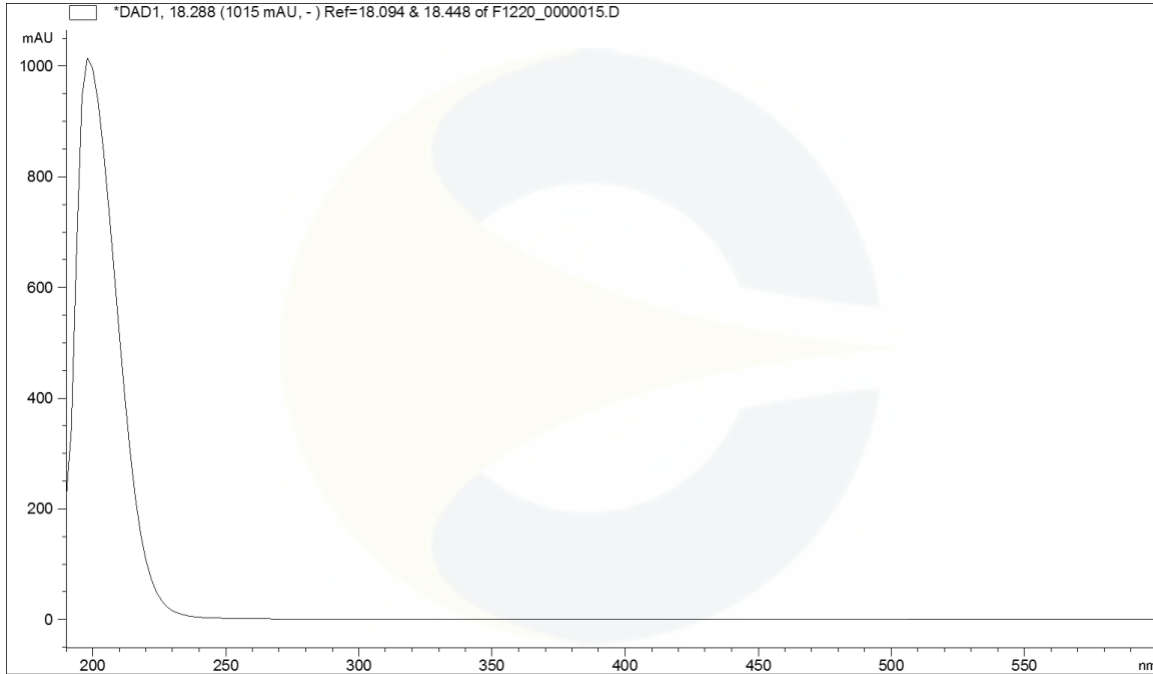


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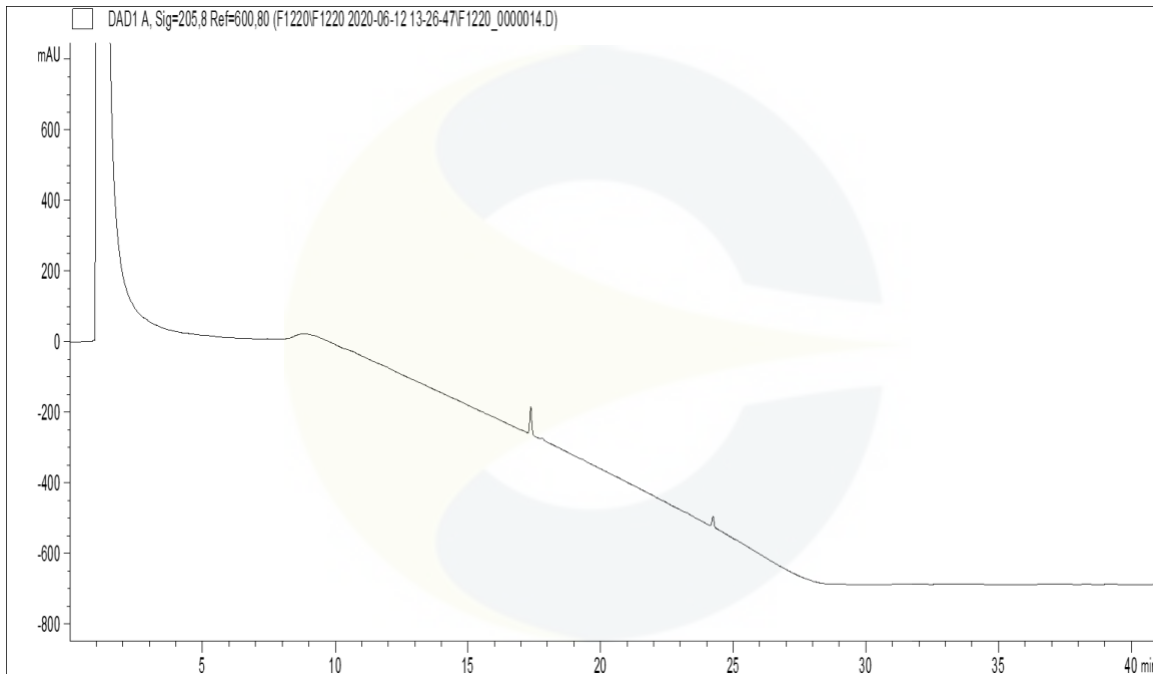
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UV SPECTRUM AT RT = 18.3 MINUTES

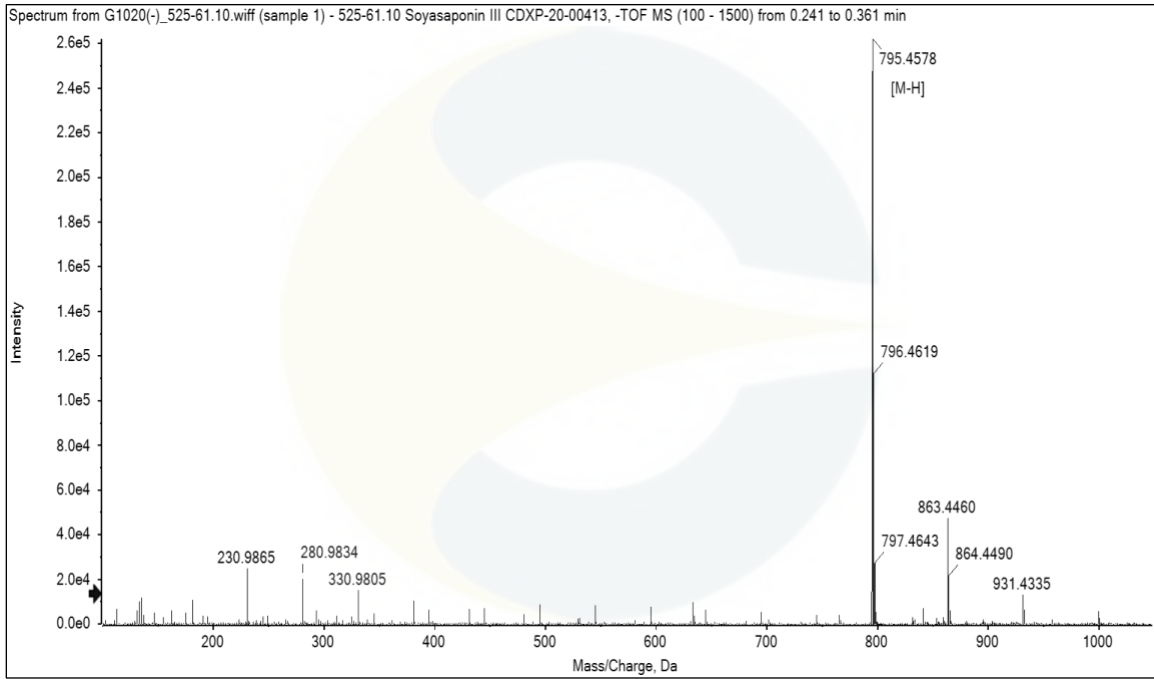


HPLC CHROMATOGRAM OF DILUENT BLANK



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MASS SPECTRUM OF SOYASAPONIN III (CDXP-20-00413)

REVISION HISTORY

Revision History	Date of Revision	Document/Changes
00	07/16/2020	New report

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