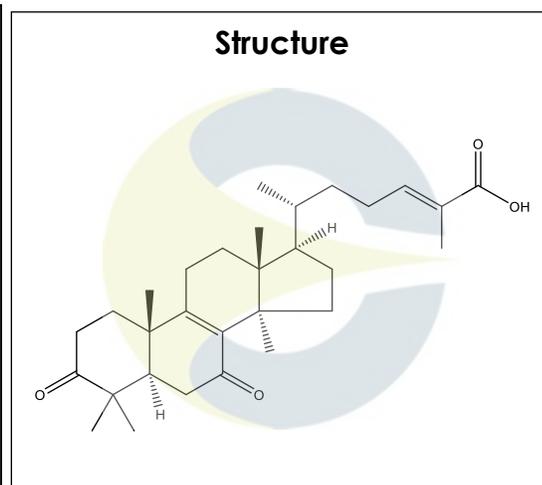


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PRODUCT NAME	Ganoderic acid DM
PART NUMBER	00007059
STANDARD TYPE	Analytical Standard (AS)
LOT NUMBER	00007059-815
REPORT NUMBER	CDXA-RSS-6751-01
SAMPLE NUMBER	CDXA-15-006906
DATE OF SAMPLE	08/24/2015
DATE OF RE-EVALUATION	04/29/2020
DATE OF REPORT	06/04/2020



CHEMICAL NAMES	(24E)-3,7-Dioxo-lanosta-8,24-dien-26-oic acid
CHEMICAL FORMULA	C ₃₀ H ₄₄ O ₄
MOLECULAR WEIGHT (MW)	468.67
CHEMICAL FAMILY	Triterpenes
CAS NUMBER	[173075-45-1]
EC#(EINECS)	NA
RTECS	OE3322000

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
HPLC	0.700.10.2.METH22	NA	98.3%
Mass Spectrum	Direct Infusion: ESI (+)	Conforms	Conforms
Appearance	NA	NA	Off-white powder

STORAGE CONDITIONS

STORAGE	-20 °C in a dry place.
EXPIRATION DATE	04/2025 under the above conditions.

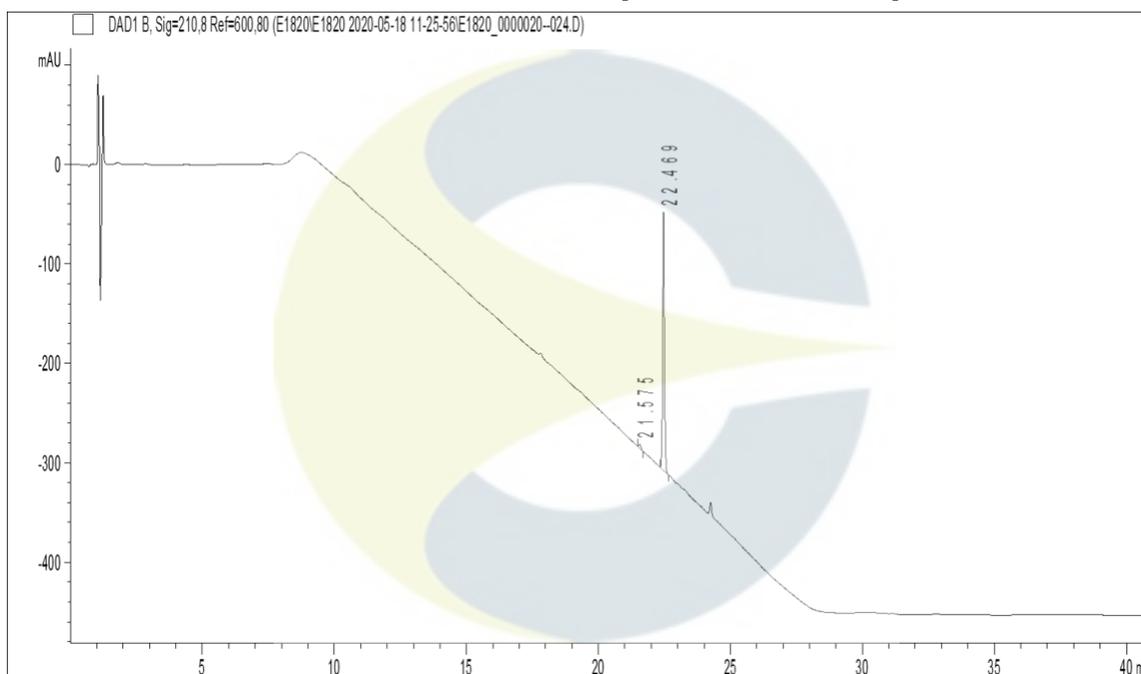
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ANALYTICAL CONDITIONS

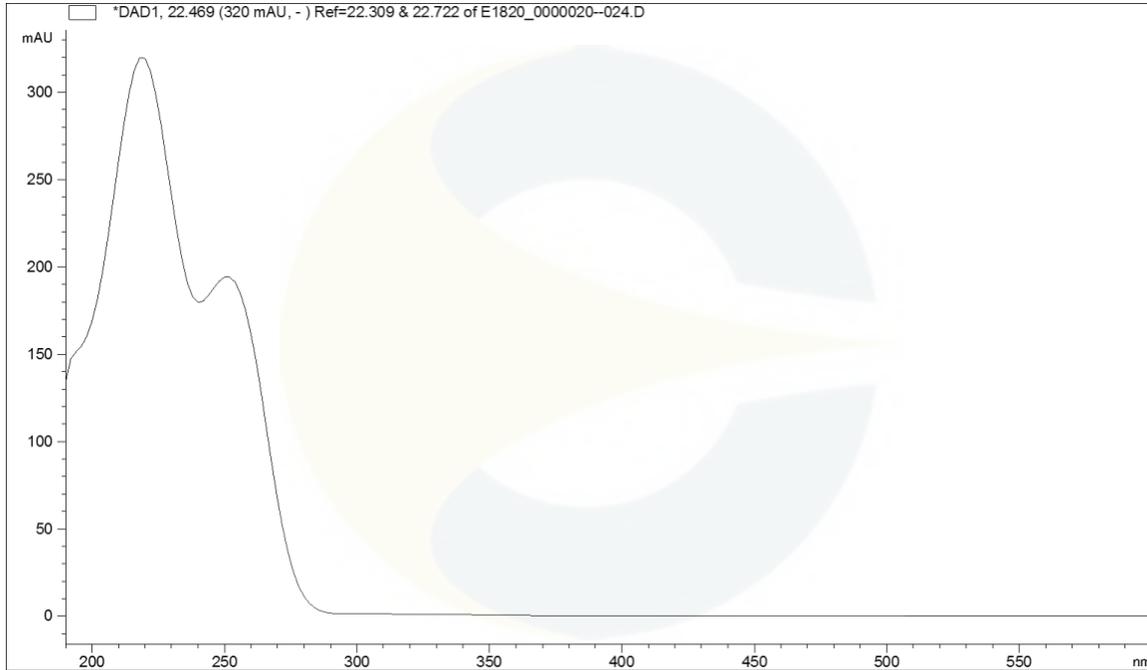
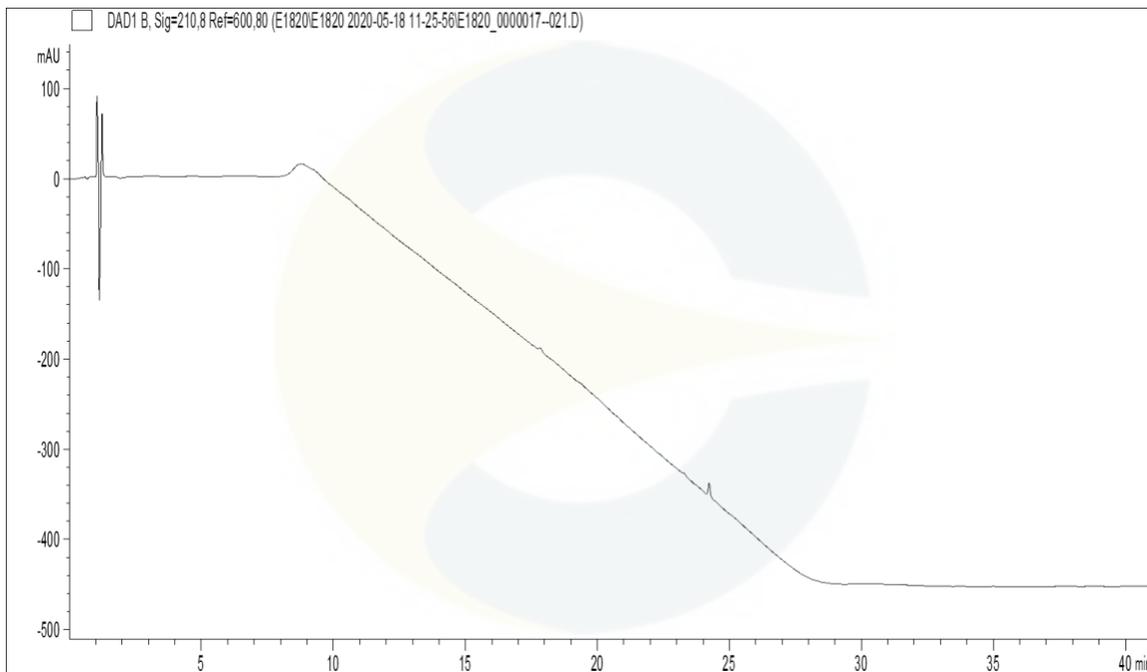
INSTRUMENT	AGILENT 1260 HPLC UV-VIS (DAD); AGILENT 6510 QTOF
COLUMN	Phenomenex Luna C18(2) 150 x 2.00 mm, 5 µm particle size
MOBILE PHASE	A - 0.1% Trifluoroacetic acid in Ultrapure water, B - Acetonitrile; Isocratic 5% B for 5 minutes, then increasing to 95% B over 20 minutes. Hold at 95% B for 15 minutes.
COLUMN TEMP.	60 °C
FLOW RATE	0.4 mL/minute
INJECTION VOL.	0.4 µL
INJECTION CONC.	1.2 mg/mL in Methanol
DETECTION	210 ± 4 nm

HPLC CHROMATOGRAM OF GANODERIC ACID DM (CDXA-15-006906)


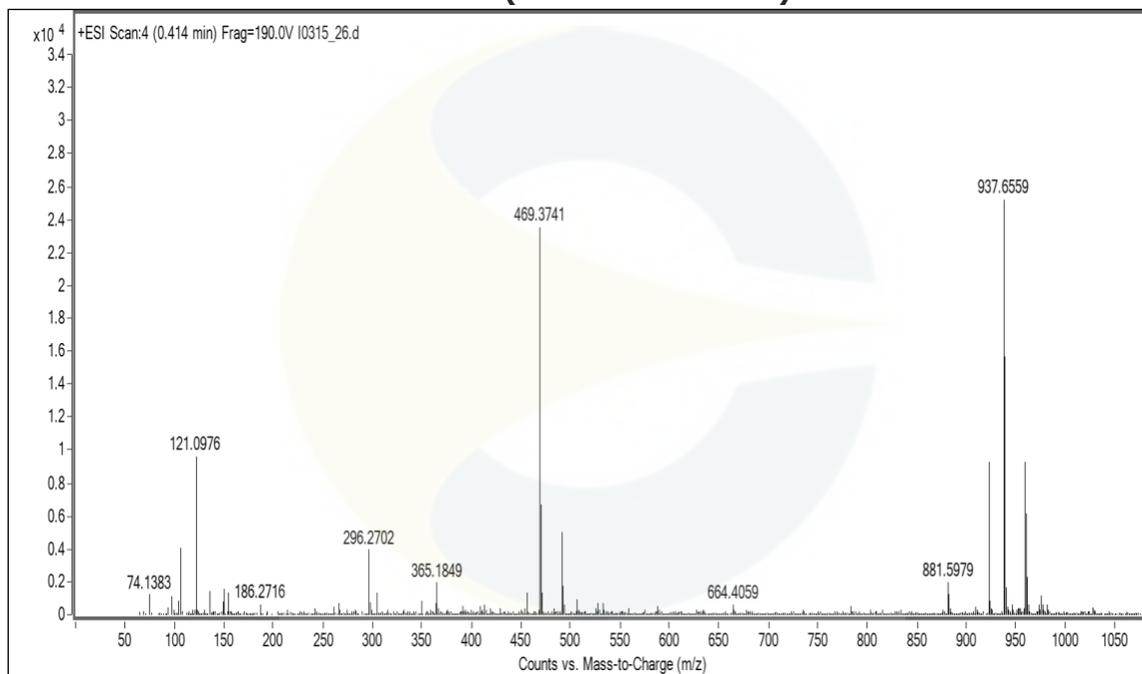
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UV SPECTRUM AT RT 22.5 MINUTES

HPLC CHROMATOGRAM OF DILUENT BLANK


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MASS SPECTRUM OF GANODERIC ACID DM (CDXA-15-006906)

REVISION HISTORY

Revision History	Date of Revision	Document/Changes
00	09/15/2015	New report
01	06/04/2020	Passed re-evaluation by HPLC. Updated structure, RTECS number, expiration date, analytical results, analytical conditions, chromatograms/spectrum, and removed melting point.

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