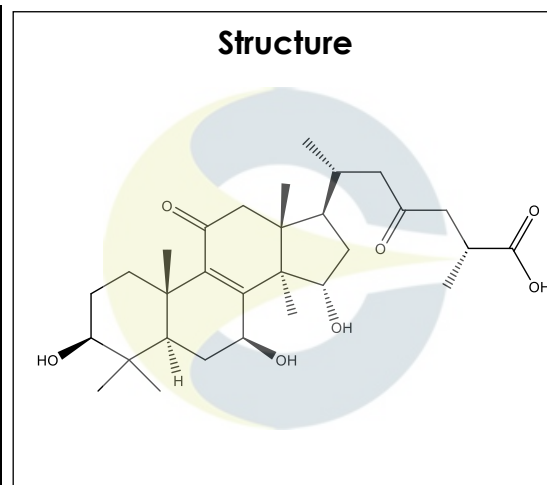


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PRODUCT NAME	Ganoderic acid C2
PART NUMBER	00007058
STANDARD TYPE	Analytical Standard (AS)
LOT NUMBER	00007058-715
REPORT NUMBER	CDXA-RSS-6692-01
SAMPLE NUMBER	CDXA-15-005415
DATE OF SAMPLE	07/14/2015
DATE OF REEVALUATION	04/21/2020
DATE OF REPORT	05/19/2020



CHEMICAL NAMES	(3β,7β,15α,25R)- 3,7,15-trihydroxy-11,23-dioxo-Lanost-8-en-26-oic acid
CHEMICAL FORMULA	C ₃₀ H ₄₆ O ₇
MOLECULAR WEIGHT (MW)	518.68
CHEMICAL FAMILY	Triterpenes
CAS NUMBER	[103773-62-2]
EC#(EINECS)	NA
RTECS	NA

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
HPLC	0.700.10.2.METH22	NA	85.8%
Mass Spectrum	Direct Infusion: ESI (+)	Conforms	Conforms
Appearance	NA	NA	Light gray powder

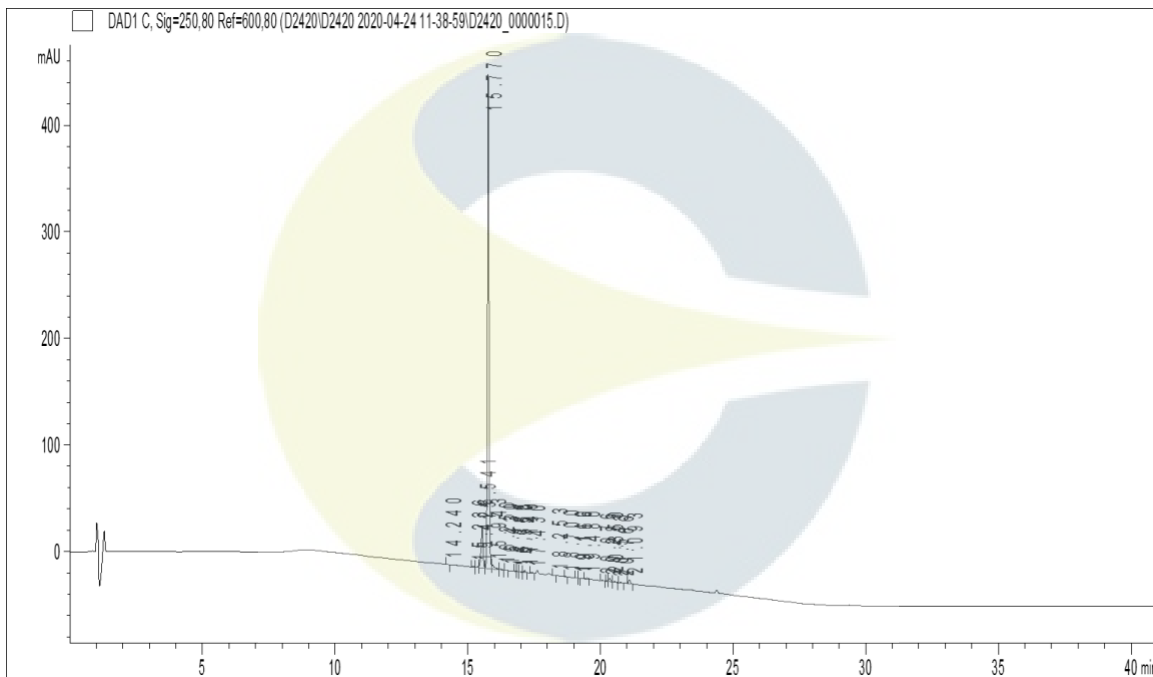
STORAGE CONDITIONS

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.	2.0 µL
INJECTION CONC.	1.1 mg/mL in Methanol
DETECTION	250 ± 40 nm

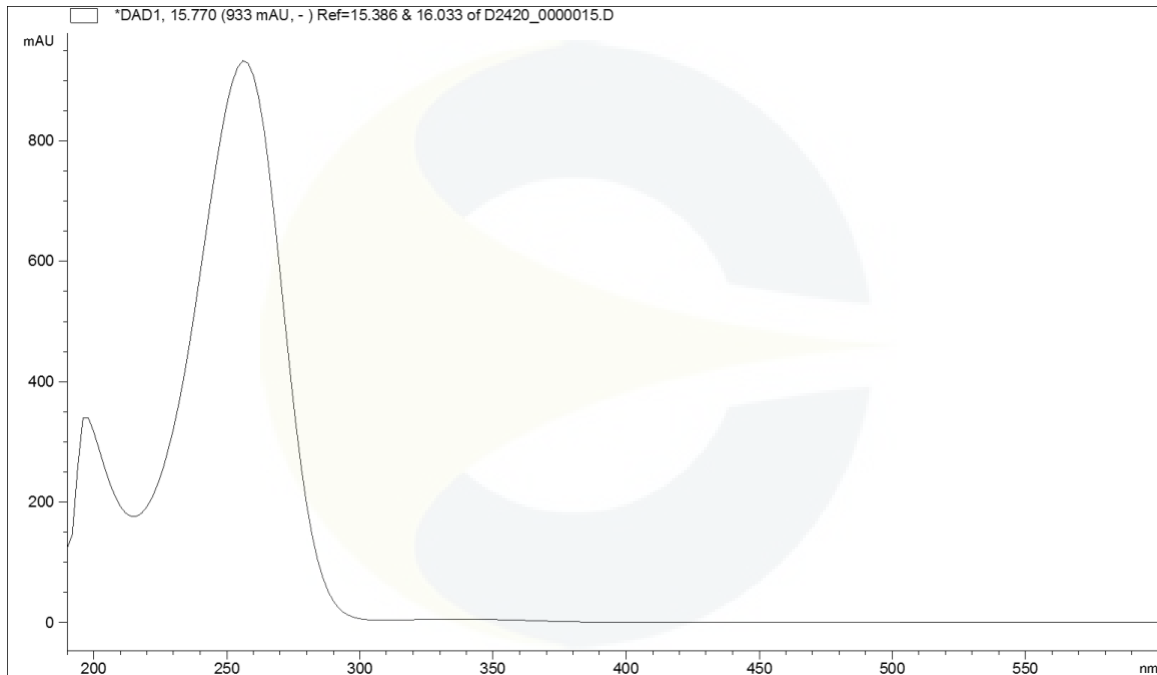
HPLC CHROMATOGRAM OF GANODERIC ACID C2 (CDXA-15-005415)


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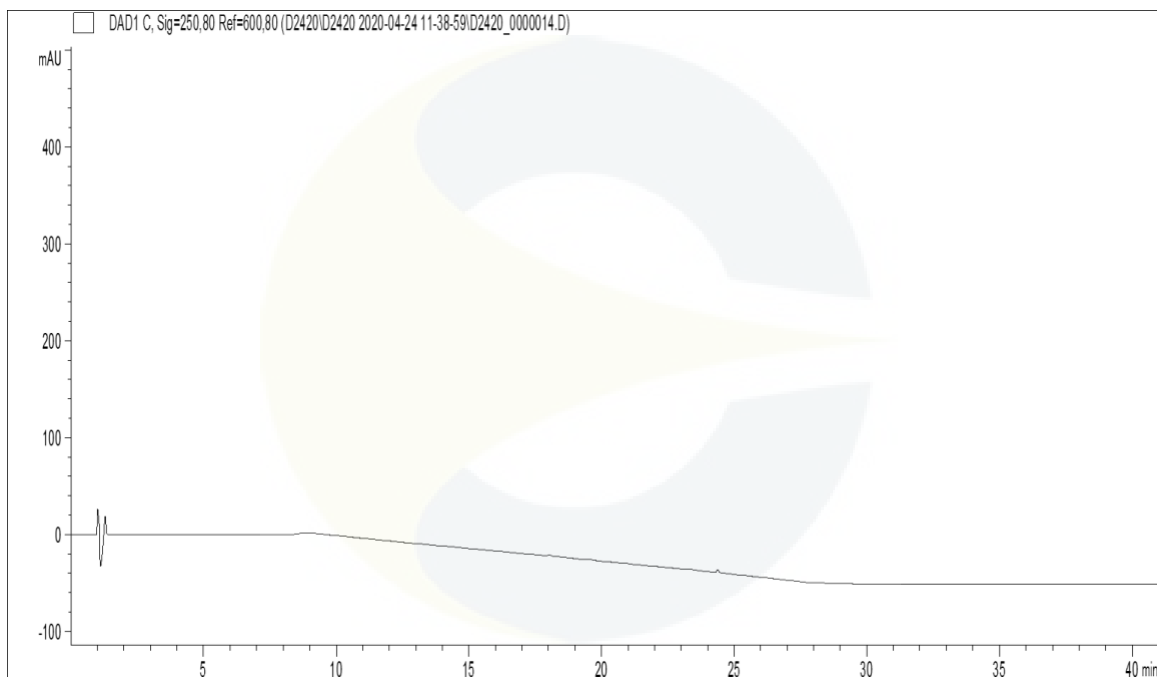
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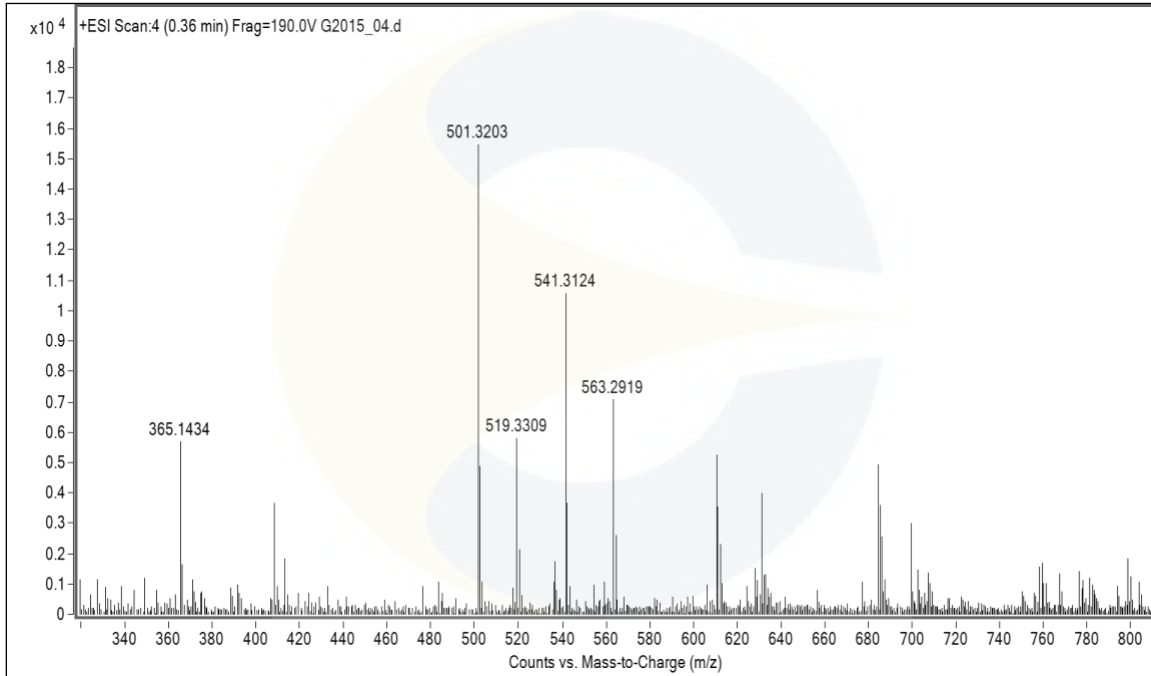
UV SPECTRUM AT RT 15.8 MINUTES



HPLC CHROMATOGRAM OF DILUENT BLANK



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MASS SPECTRUM OF GANODERIC ACID C2 (CDXA-15-005415)

REVISION HISTORY

Revision History	Date of Revision	Document/Changes
00	07/22/2015	New report
01	05/19/2020	Passed re-evaluation by HPLC. Updated analytical conditions, chromatograms, purity, structure, expiration date and removed melting point.

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