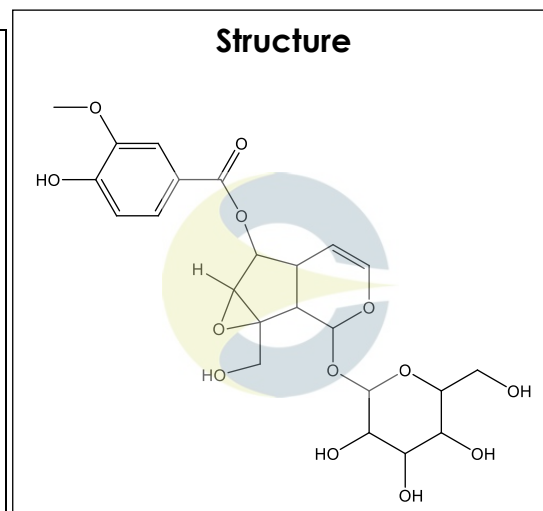


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PRODUCT NAME	Picoside II
PART NUMBER	00016820
STANDARD TYPE	Analytical Standard (AS)
LOT NUMBER	00016820-312
REPORT NUMBER	CDXA-RSS-6094-01
SAMPLE NUMBER	CDXA-14-2614
DATE OF SAMPLE	04/22/2014
DATE OF RE-EVALUATION	02/14/2019
DATE OF REPORT	03/06/2019



CHEMICAL NAMES	6-Vanilloylcatalpol
CHEMICAL FORMULA	C ₂₃ H ₂₈ O ₁₃
MOLECULAR WEIGHT (MW)	512.46
CHEMICAL FAMILY	Iridoids
CAS NUMBER	[39012-20-9]
EC#(EINECS)	254-247-6
RTECS	LZ5776823

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
HPLC	99.1-04-1.0-000684	NA	99.4%
Mass Spectrum	Direct Infusion, ESI (-)	Conforms	Conforms
Appearance	NA	NA	White powder

STORAGE CONDITIONS

STORAGE	-20 °C in a dry place.
EXPIRATION DATE	02/2024 under the above conditions.

Matthew Thibault
 Digitally signed by Matthew Thibault
 Date: 2019.03.06 10:00:00 -07'00'

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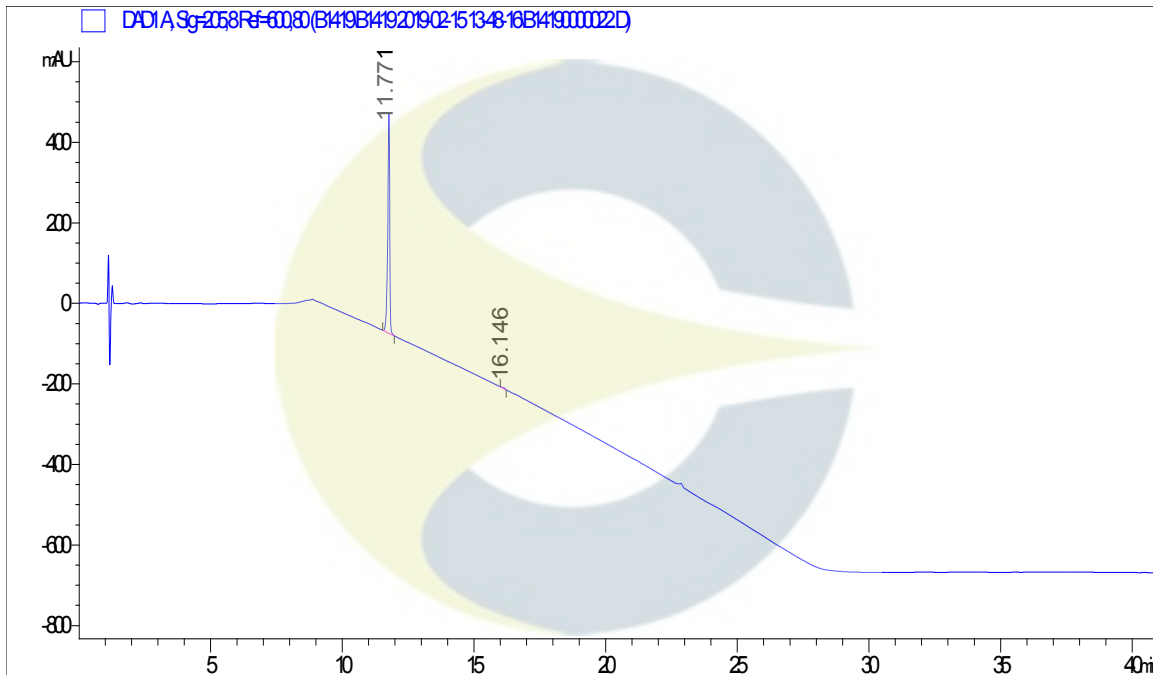
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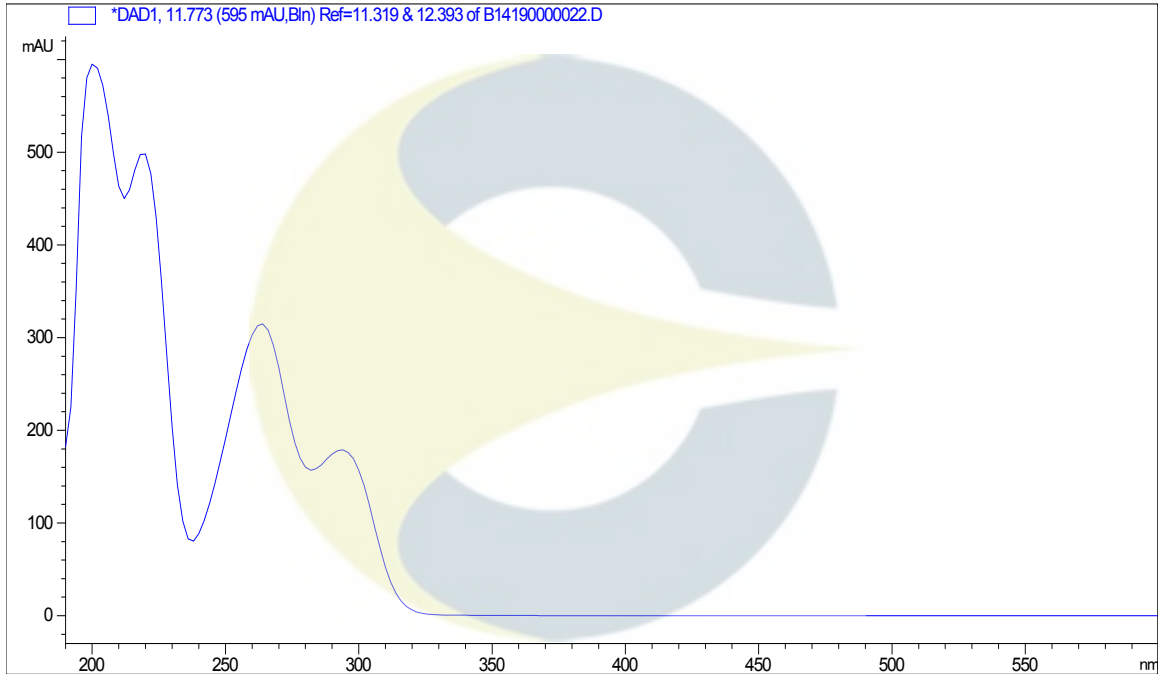
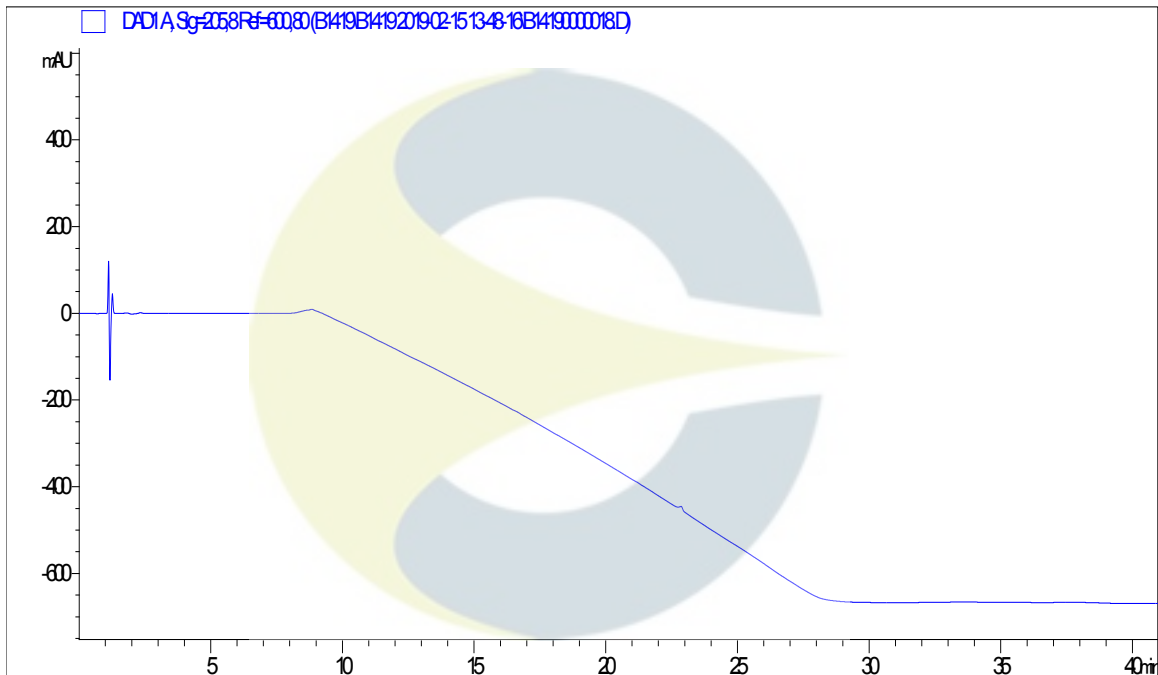
ANALYTICAL CONDITIONS

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.	1.1 mg/mL in Methanol
DETECTION	205 ± 4 nm

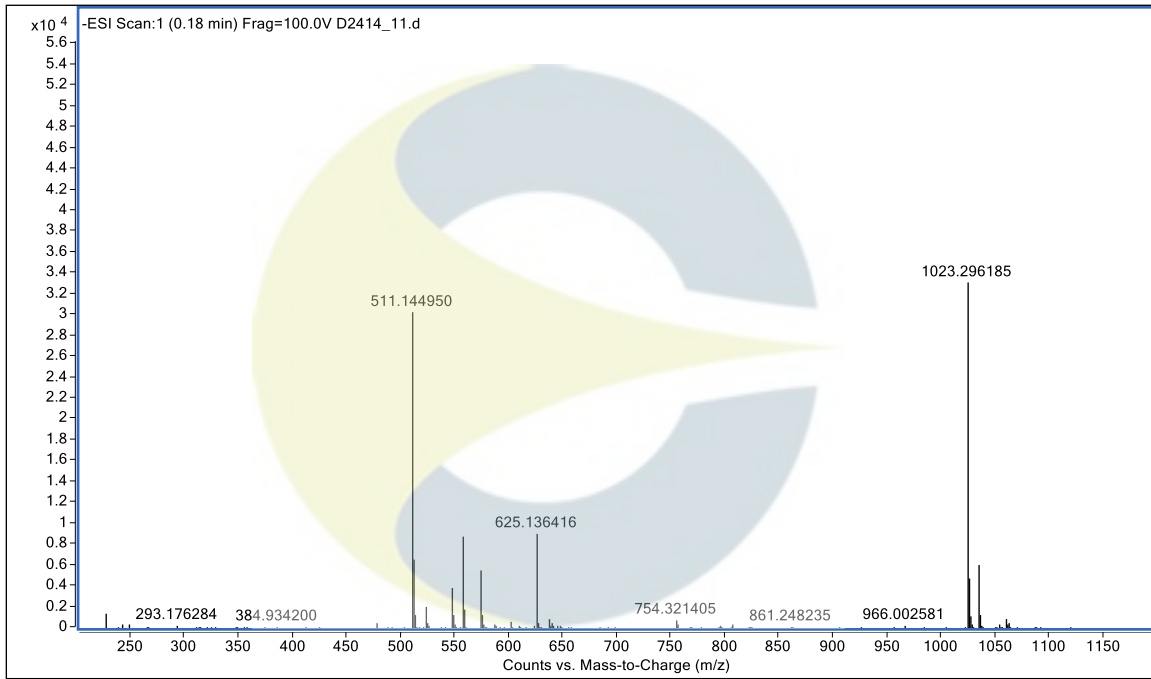
HPLC CHROMATOGRAM OF PICROSIDE II (CDXA-14-2614)



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UV SPECTRUM AT RT = 11.8 MINUTES

HPLC CHROMATOGRAM OF DILUENT BLANK


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MASS SPECTRUM OF PICROSIDE II (CDXA-14-2614)

REVISION HISTORY

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	04/30/2014	New report
01	03/06/2019	Material passed reevaluation by HPLC. Updated analytical results, conditions, chromatograms, and expiration date. Added RTECS.

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