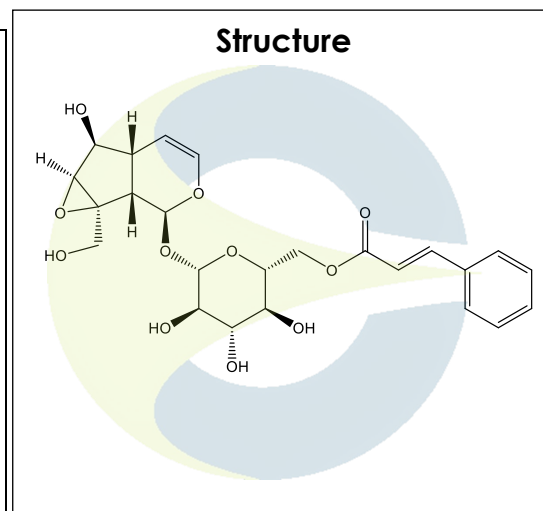


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PRODUCT NAME	Picoside I
PART NUMBER	00016819
STANDARD TYPE	Analytical Standard (AS)
LOT NUMBER	00016819-542
REPORT NUMBER	CDXA-RSS-8315-01
SAMPLE NUMBER	CDXP-18-01106
DATE OF SAMPLE	10/17/2018
DATE OF RE-EVALUATION	09/12/2022
DATE OF REPORT	10/07/2022



CHEMICAL NAMES	6'-Cinnamoylcatalpol
CHEMICAL FORMULA	C ₂₄ H ₂₈ O ₁₁
MOLECULAR WEIGHT (MW)	492.47
CHEMICAL FAMILY	Iridoids
CAS NUMBER	[27409-30-9]
EC#(EINECS)	248-445-1
RTECS	NA

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
HPLC	0.700.10.2.METH22	≥ 75%	99.3%
Mass Spectrum	99.1-04-3.0-000126	Conforms	Conforms
Appearance	NA	NA	White powder

STORAGE CONDITIONS

STORAGE	-20 °C in a dry place.
EXPIRATION DATE	09/2027 under the above conditions.



Digitally signed by
Tiffany Rodgers
 Date: 2022.10.07
 09:54:52 -06'00'

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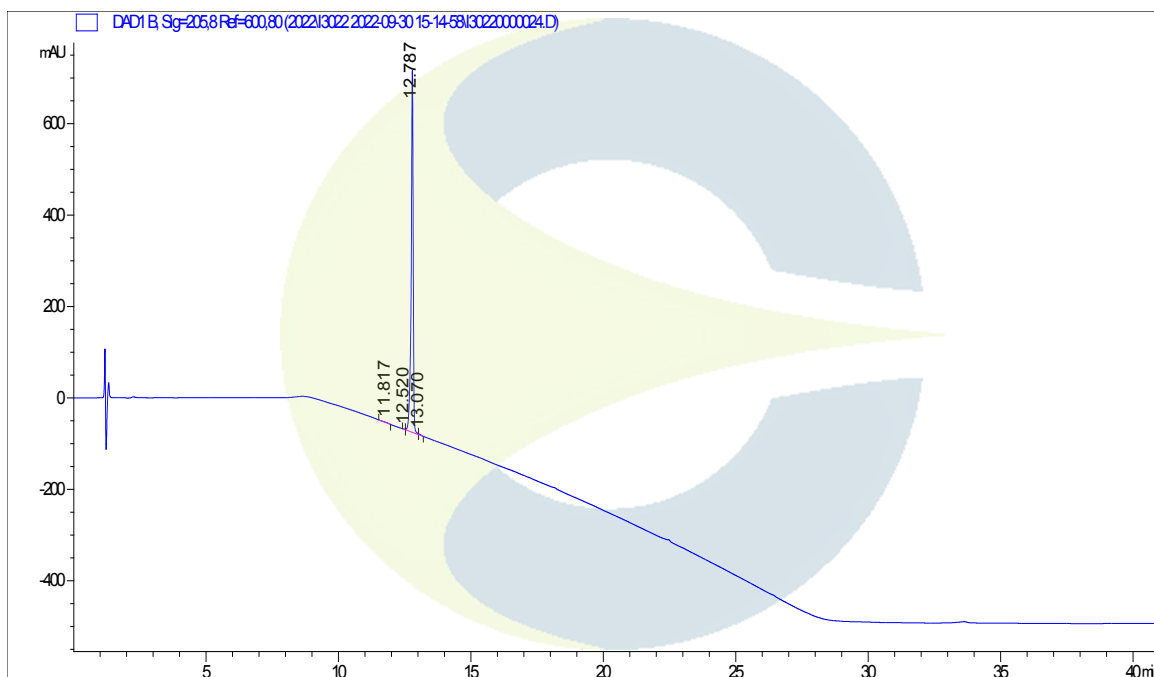
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ANALYTICAL CONDITIONS

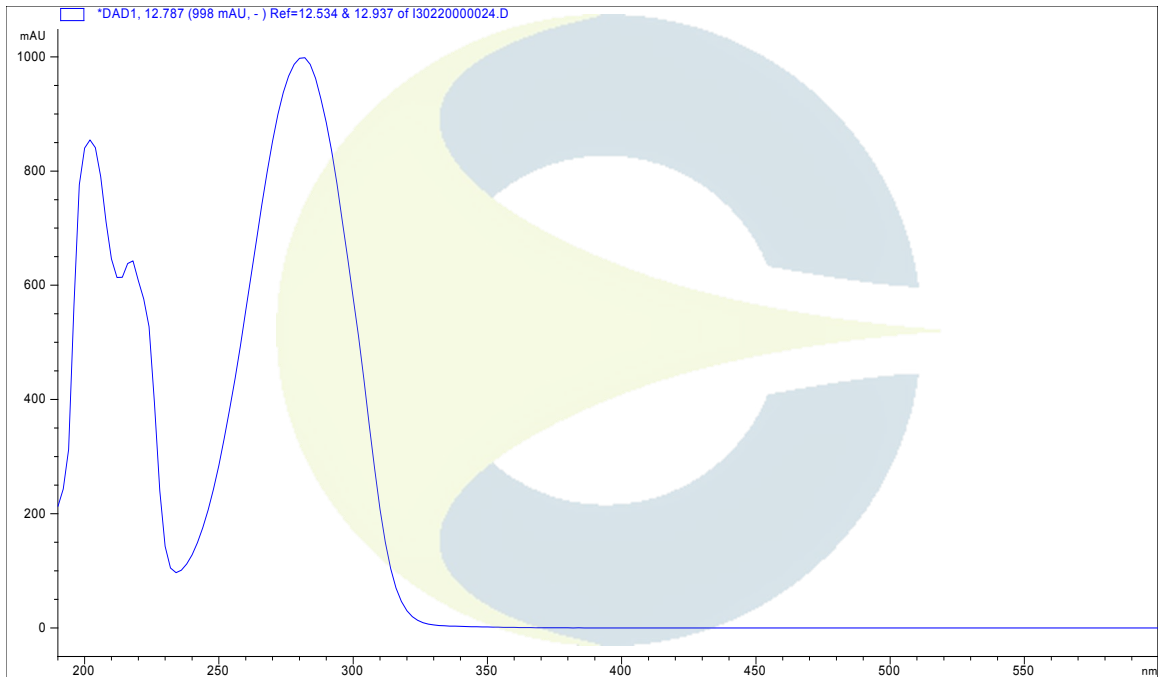
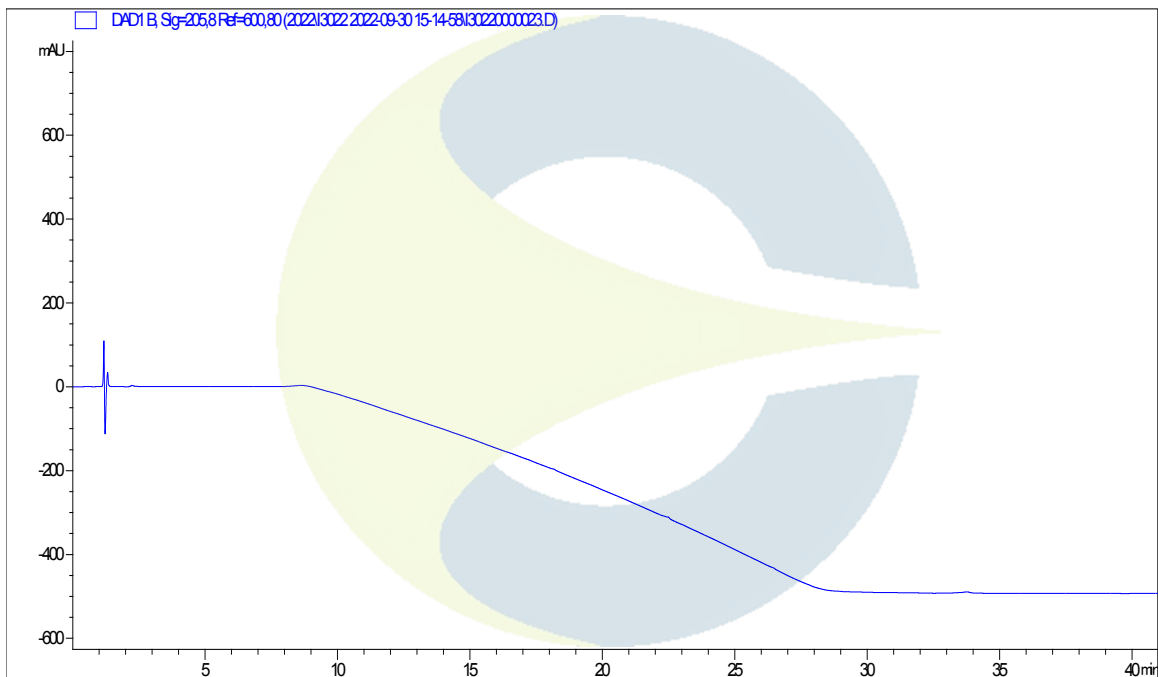
INSTRUMENT	AGILENT 1260 HPLC UV-VIS (DAD); AB-SCIEX 6600 TRIPLE TOF
COLUMN	Phenomenex Luna C18(2) 150 x 2.00 mm, 5 µm particle size
MOBILE PHASE	A - 0.1% Trifluoroacetic acid in Ultrapure water, B - Acetonitrile; Isocratic 5% B for 5 minutes, then increasing to 95% B over 20 minutes. Hold at 95% B for 15 minutes, then decreasing to 5% B over 1 minute.
COLUMN TEMP.	60 °C
FLOW RATE	0.4 mL/minute
INJECTION VOL.	0.8 µL
INJECTION CONC.	1.0 mg/mL in Methanol
DETECTION	205 ± 4 nm

HPLC CHROMATOGRAM OF PICROSIDE I (CDXP-18-01106)



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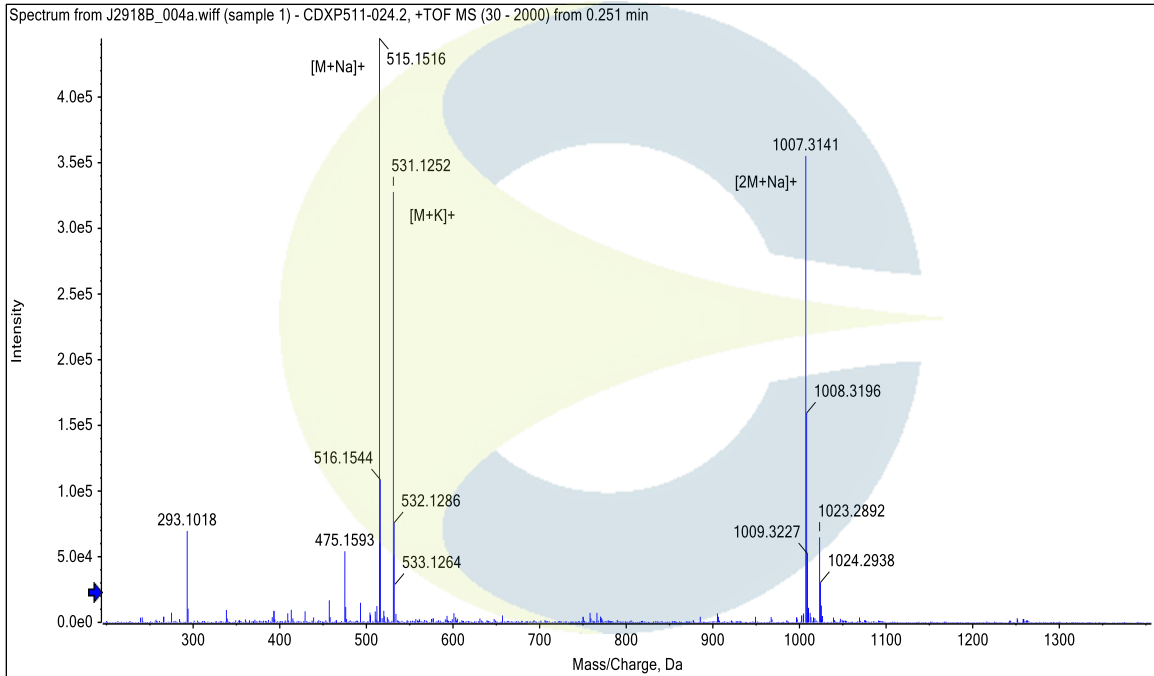
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UV SPECTRUM AT RT = 12.8 MINUTES

HPLC CHROMATOGRAM OF DILUENT BLANK


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 Email: customerservice@lifetechindia.com Website: www.lifetechindia.com

Certificate of Analysis
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MASS SPECTRUM OF PICROSIDE I (CDXP-18-01106)

REVISION HISTORY

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	11/14/2018	New report
01	10/07/2022	Passed re-evaluation by HPLC. Updated results, analytical conditions, chromatograms, and expiration date.

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