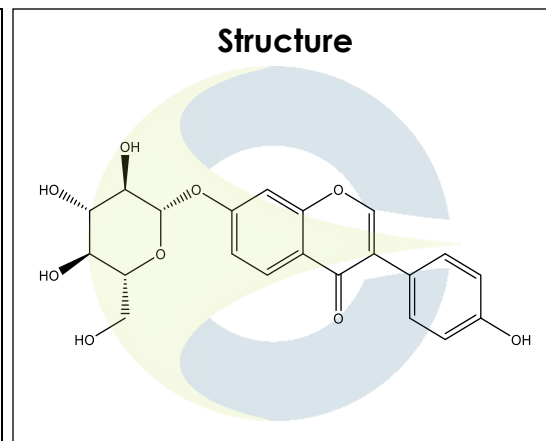


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PRODUCT NAME	Daidzin
PART NUMBER	00004015
STANDARD TYPE	Analytical Standard (AS)
LOT NUMBER	00004015-00695
REPORT NUMBER	CDXA-RSS-9513-00
SAMPLE NUMBER	CDXP-21-00695
DATE OF SAMPLE	09/20/2021
DATE OF REPORT	07/06/2022



CHEMICAL NAMES	7-(β-D-Glucopyranosyloxy)-3-(4-hydroxyphenyl)-4H-1-benzopyran-4-one; Daidzein 7-O-glucoside; Daidzotide
CHEMICAL FORMULA	C ₂₁ H ₂₀ O ₉
MOLECULAR WEIGHT (MW)	416.38
CHEMICAL FAMILY	Flavonoids
CAS NUMBER	[552-66-9]
EC#(EINECS)	611-245-3
RTECS	DJ3094000

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
HPLC	0.700.10.2.METH22	≥ 75%	99.1%
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	09/2026 under the above conditions.

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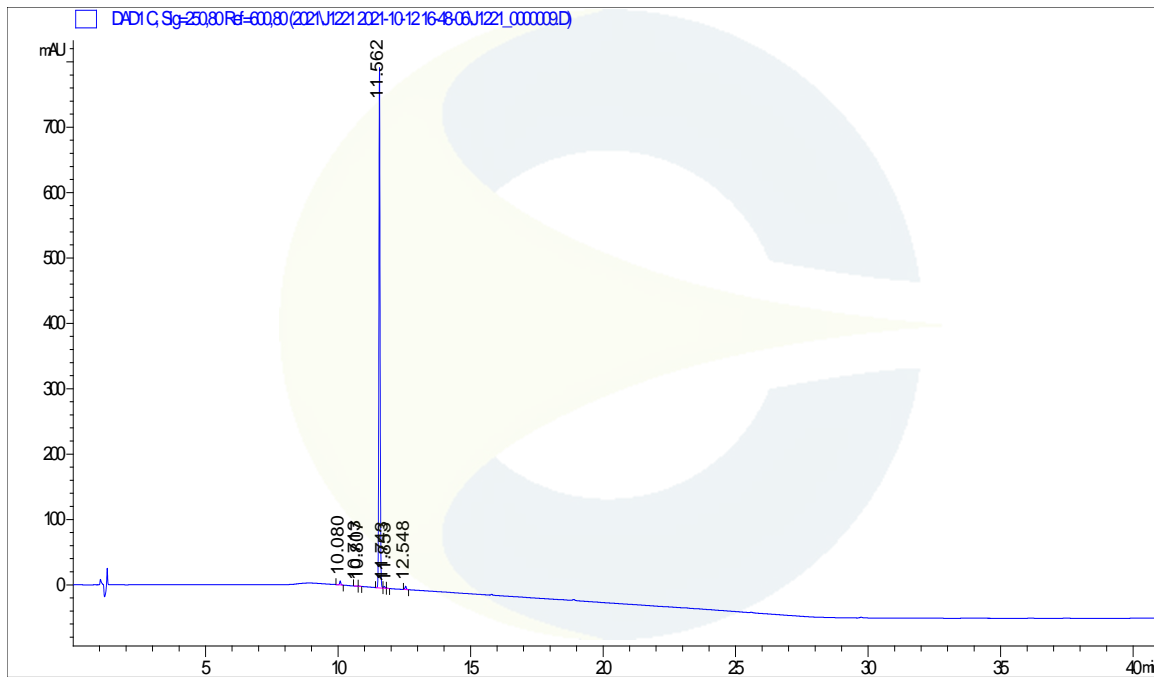
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ANALYTICAL CONDITIONS

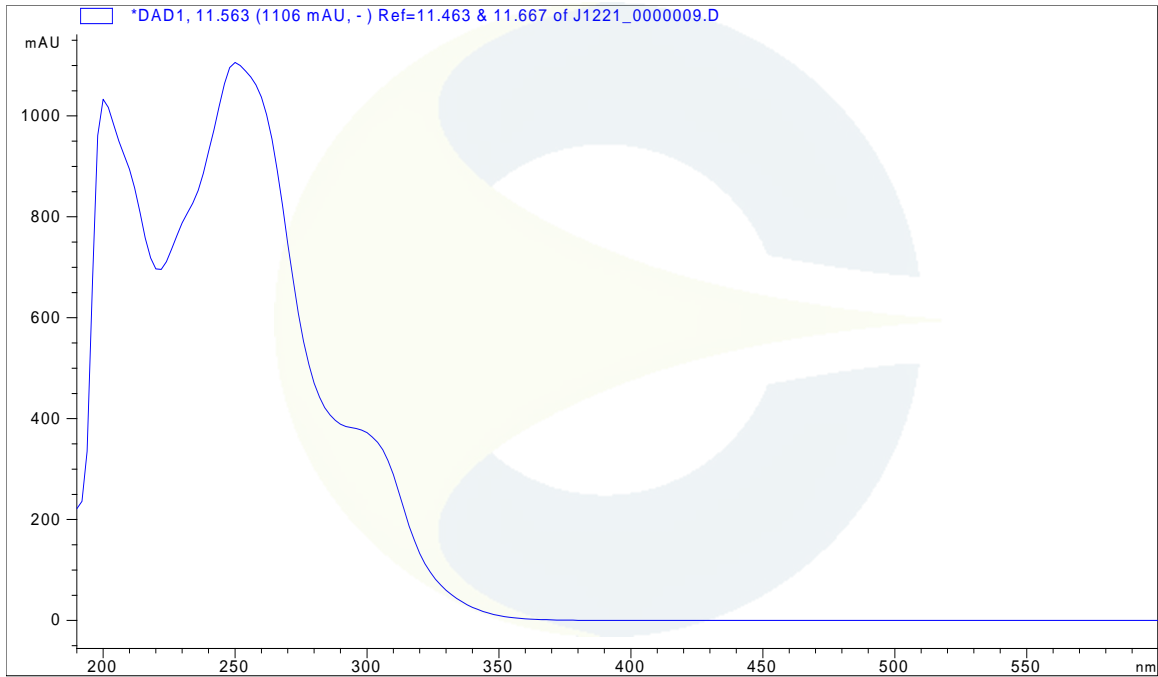
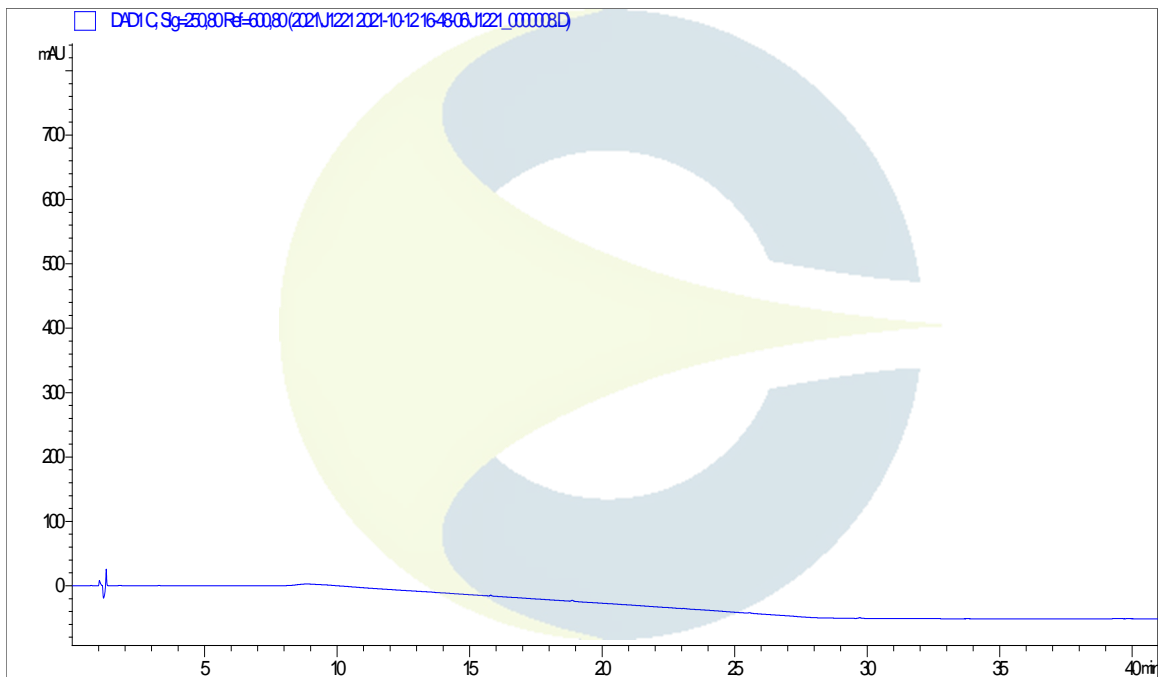
INSTRUMENT	AGILENT 1260 HPLC UV-VIS (DAD); AB-SCIEX 6600 TRIPLE TOF
COLUMN	Phenomenex Luna C18(2) 150 x 2.00 mm, 5 µm particle size
MOBILE PHASE	A - 0.1% Trifluoroacetic acid in Ultrapure water, B - Acetonitrile; Isocratic 5% B for 5 minutes, then increasing to 95% B over 20 minutes. Hold at 95% B for 15 minutes, then decreasing to 5% B over 1 minute.
COLUMN TEMP.	60 °C
FLOW RATE	0.4 mL/minute
INJECTION VOL.	0.4 µL
INJECTION CONC.	0.9 mg/mL in Methanol
DETECTION	250 ± 40 nm

HPLC CHROMATOGRAM OF DAIDZIN (CDXP-21-00695)



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UV SPECTRUM AT RT = 11.6 MINUTES

HPLC CHROMATOGRAM OF DILUENT BLANK


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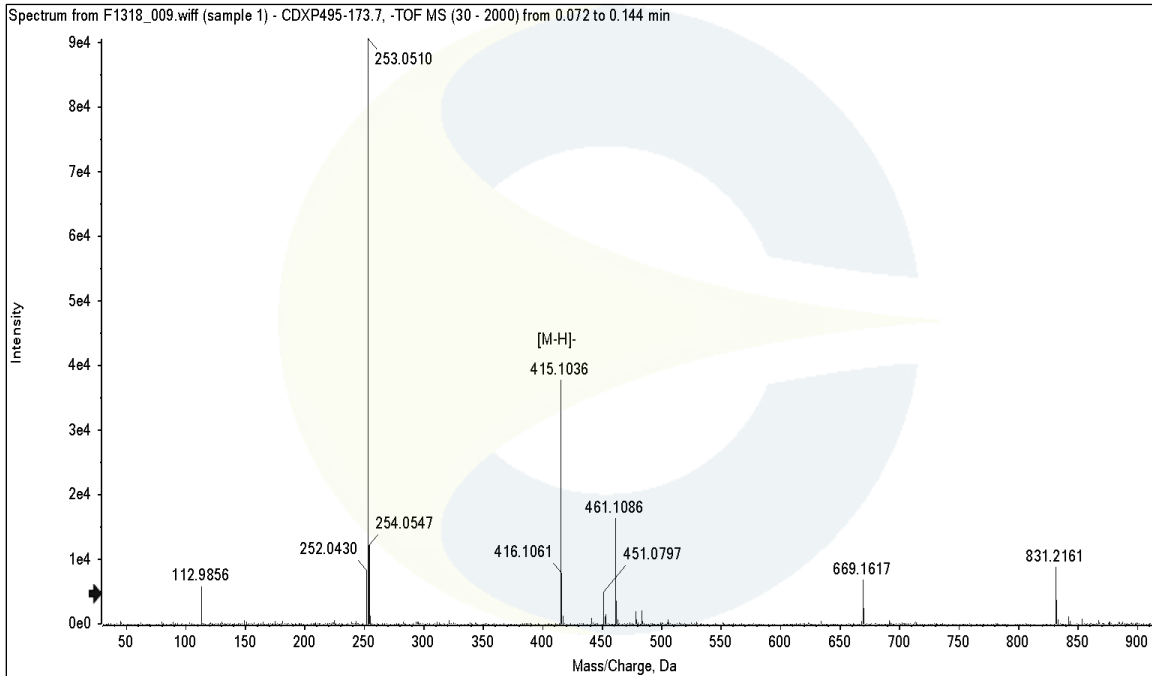
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MASS SPECTRUM OF DAIDZIN (CDXP-21-00695)



REVISION HISTORY

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	07/06/2022	New report

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