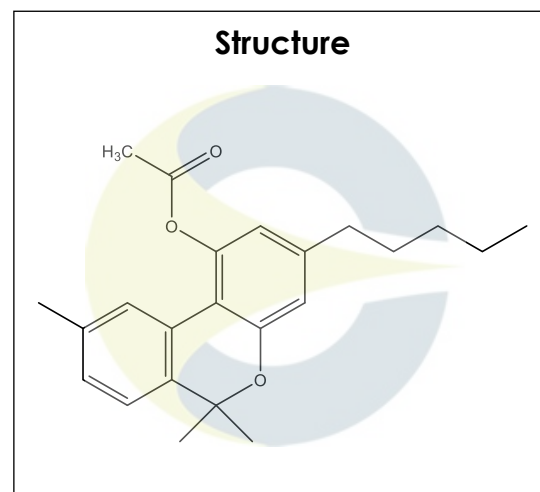


Certificate of Analysis

For Laboratory Use Only

PRODUCT NAME	Cannabinol acetate
BOTANICAL SOURCE	Cannabis sativa L.; Hemp
PART NUMBER	00003138
STANDARD TYPE	Primary (P)
LOT NUMBER	00003138-621
REPORT NUMBER	CDXA-RSS-9623-00
SAMPLE NUMBER	CDXP-21-00869
DATE OF SAMPLE	12/07/2021
DATE OF REPORT	01/20/2022



CHEMICAL NAMES	6,6,9-trimethyl-3-pentyl-6H-Dibenzo[b,d]pyran-1-ol acetate
CHEMICAL FORMULA	C ₂₃ H ₂₈ O ₃
MOLECULAR WEIGHT (MW)	352.47
CHEMICAL FAMILY	Cannabinoids
CAS NUMBER	[51895-51-3]
EC#(EINECS)	N/A
RTECS	N/A

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
Adjusted Purity	NA	≥ 85%	98.9%
HPLC		≥ 90%	98.9%
HPLC - known impurities		<0.3% THC; Report others	THC: ND; CBD ~0.7%
NMR		Conforms to structure	Conforms to structure
Mass Spectrum		Conforms	Conforms
Residual Solvent*	USP <467>	NA	ND
Water		NA	ND
Appearance	NA	NA	White powder

*Testing performed at an ISO 17025 accredited subcontracted laboratory.

ADJUSTED PURITY: 98.9% IS BASED ON (100 - 0.0 SOLVENTS - 0.0 WATER) X 98.9% HPLC

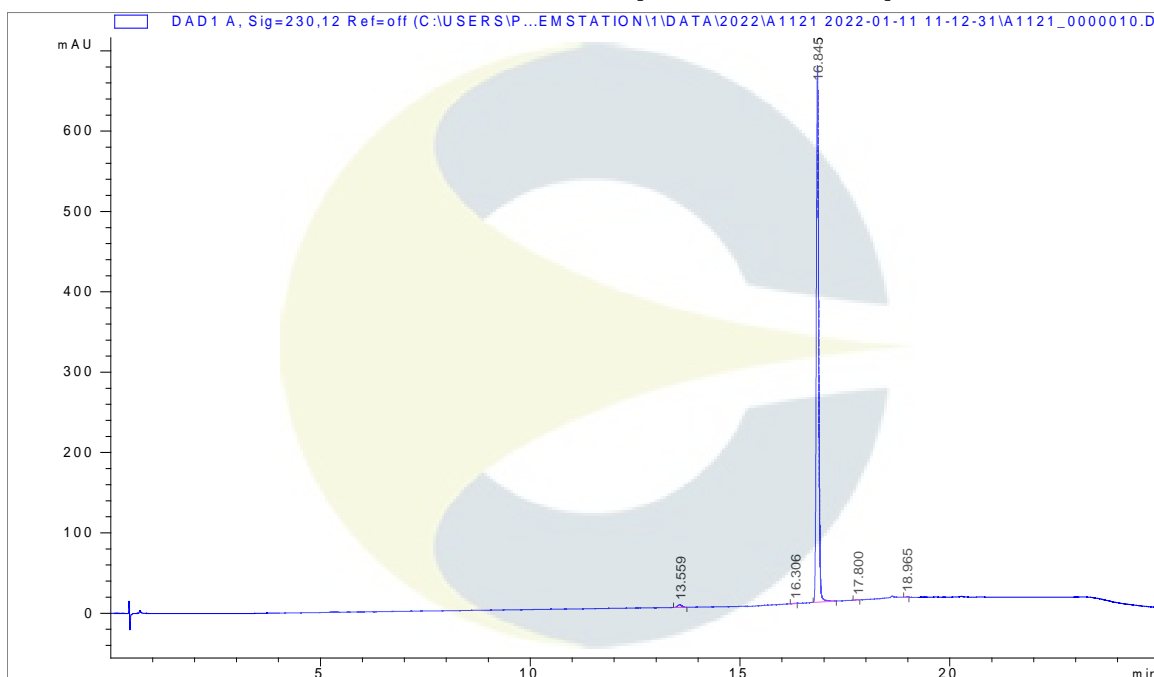
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STORAGE CONDITIONS

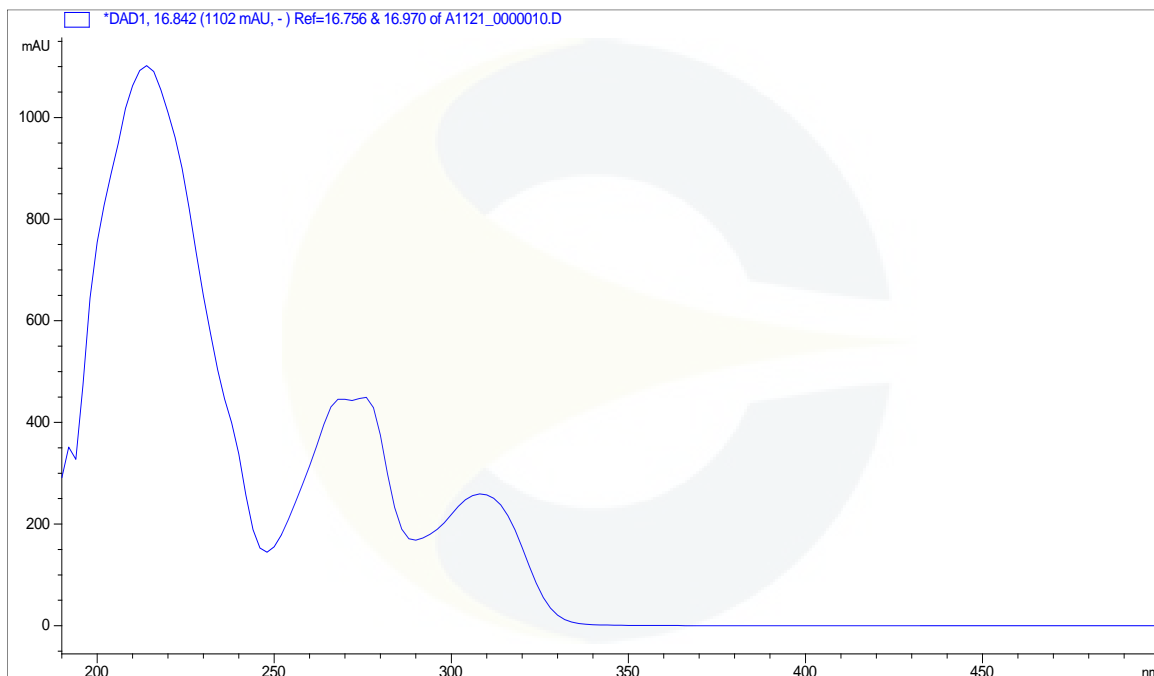
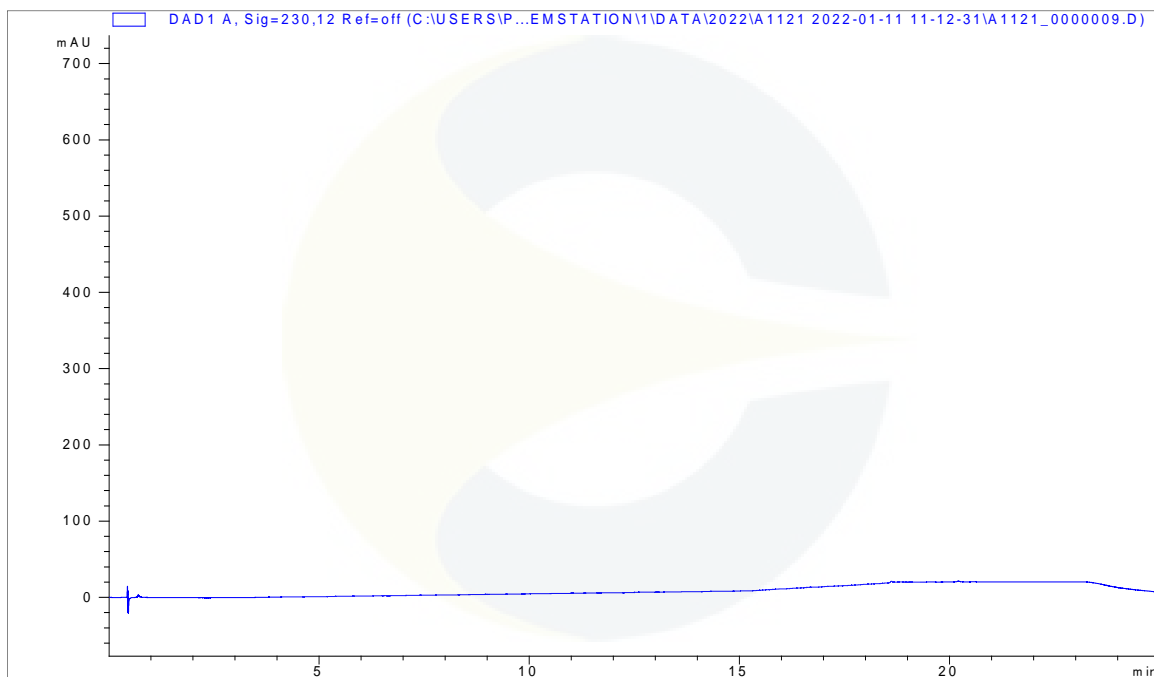
STORAGE Room temperature in a dry place.
EXPIRATION DATE 12/2026 under the above conditions.

ANALYTICAL CONDITIONS

INSTRUMENT AGILENT 1260 HPLC UV-VIS (DAD); AB-SCIEX 6600 QTOF
COLUMN Poroshell 120 EC-C18, 100 x 3.0 mm, 2.7 µm particle size

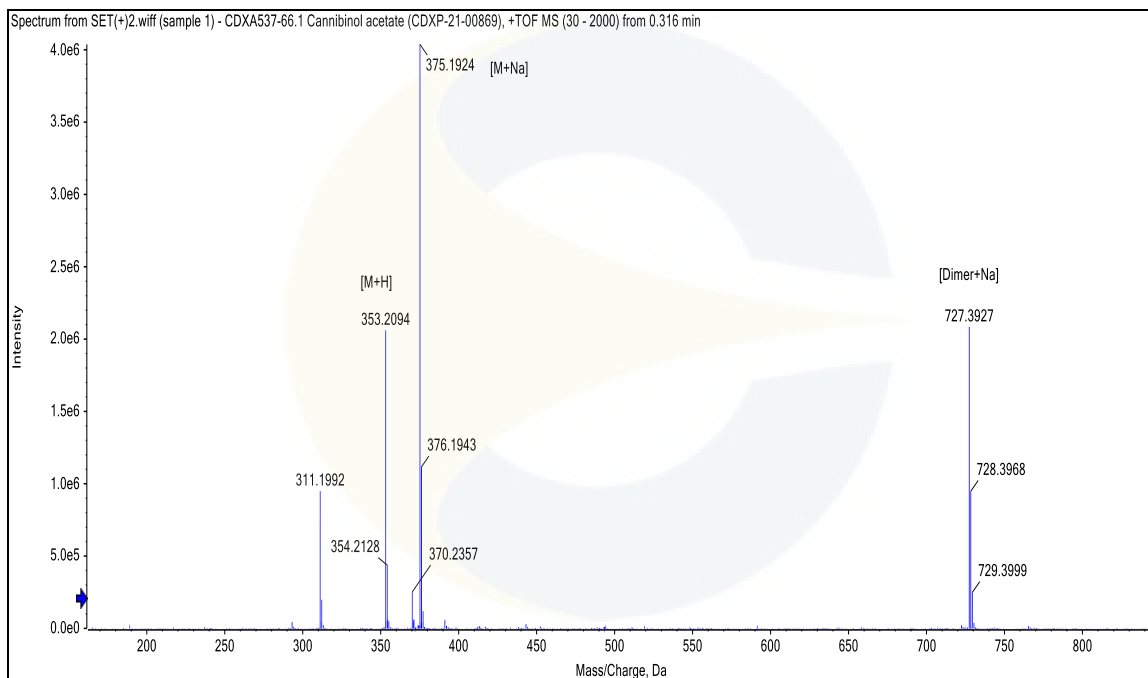
HPLC CHROMATOGRAM OF CANNABINOL ACETATE (CDXP-21-00869)

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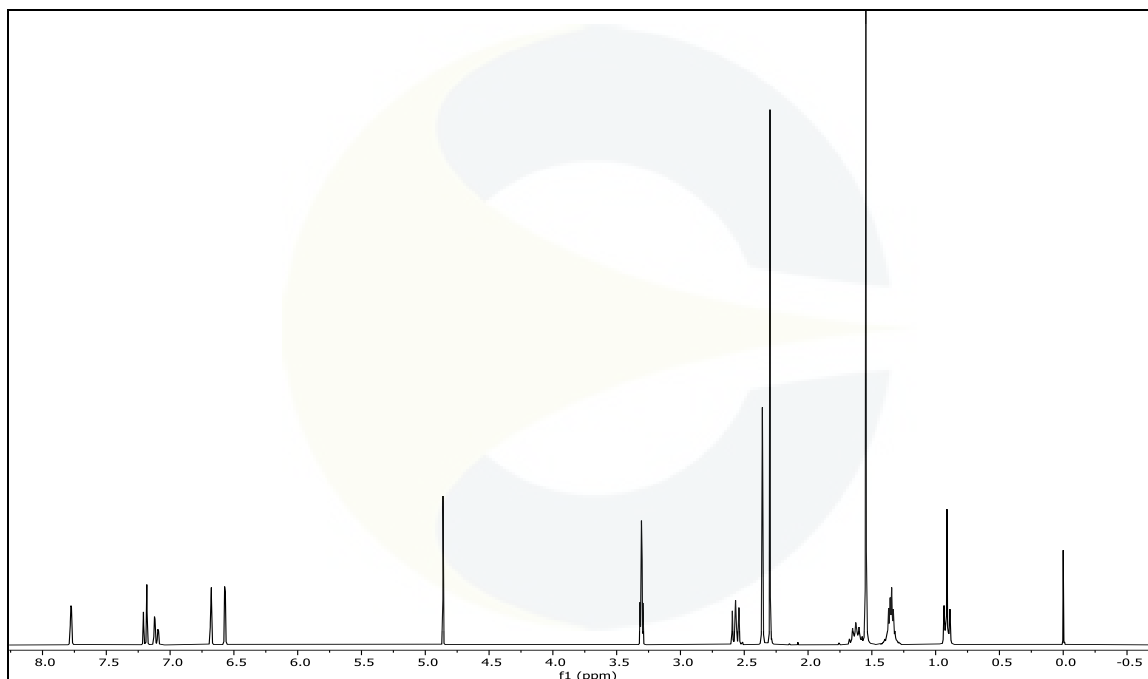
UV SPECTRUM AT 16.8 MINUTES

HPLC CHROMATOGRAM OF DILUENT BLANK


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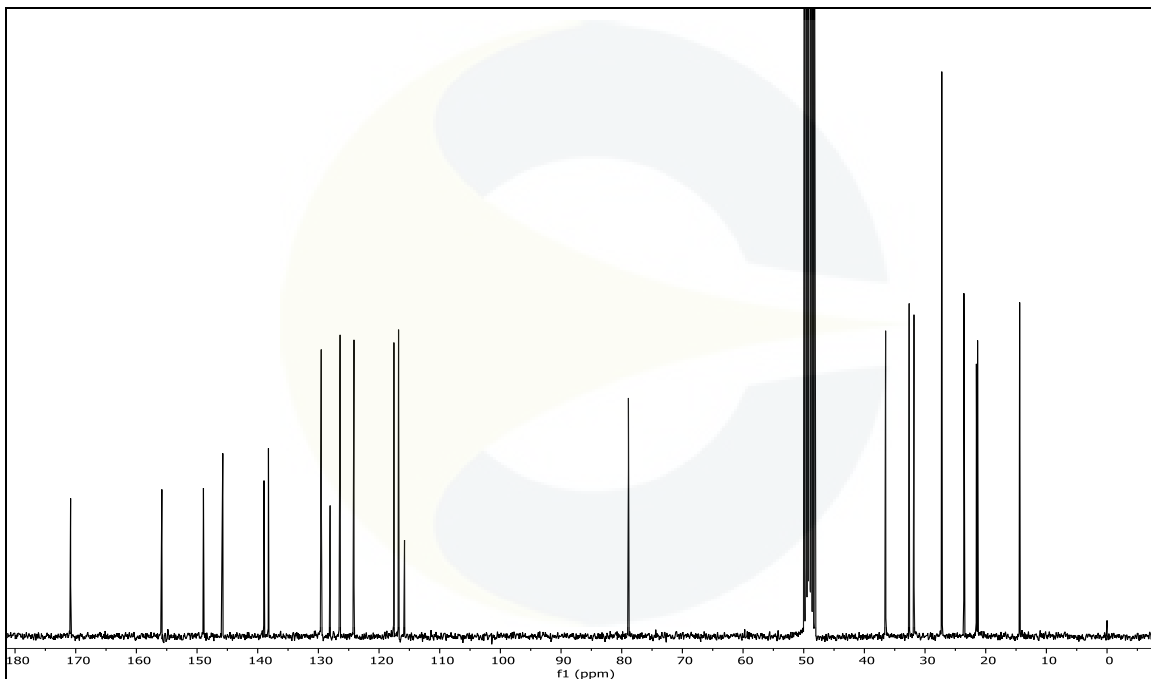
MASS SPECTRUM OF CANNABINOL ACETATE (CDXP-21-00869)



¹H-NMR SPECTRUM OF CANNABINOL ACETATE (CDXP-21-00869) IN CD₃OD + TMS



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^{13}C -NMR SPECTRUM CANNABINOL ACETATE (CDXP-21-00869) IN CD_3OD + TMS

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