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PRODUCT NAME	beta-Boswellic acid	Structure
PART NUMBER	00002555	
STANDARD TYPE	Primary (P)	
LOT NUMBER	00002555-008	H
REPORT NUMBER	CDXA-RSS-9614-00	
SAMPLE NUMBER	CDXP-21-00891	HOMMAN HUMAN
DATE OF SAMPLE	12/14/2021	
DATE OF REPORT	01/06/2022	но
CHEMICAL NAMES	(3α, 4β)-3-Hydroxy-urs-12-en-23-oic acid	b
CHEMICAL FORMULA	$C_{30}H_{48}O_3$	
MOLECULAR WEIGHT (MW)	456.70	
CHEMICAL FAMILY	Triterpenes	
CAS NUMBER	[631-69-6]	
EC#(EINECS)	NA	
RTECS	YU9519000	

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
Adjusted Purity	NA	≥ 85%	97.3%
HPLC	0.700.10.2.METH22	≥ 90%	98.2%
NMR	0.700.12.4	Conforms to structure	Conforms to structure
Mass Spectrum	0.700.12.27	Conforms	Conforms
Residual Solvent*	USP <467>	NA	ND
Water	0.700.12.37	NA	0.9%
Appearance	NA	NA	White powder

*Testing performed at an ISO 17025 accredited subcontracted laboratory. ADJUSTED PURITY: 97.3% IS BASED ON (100 - 0.0 SOLVENTS - 0.9 WATER) X 98.2% HPLC

STORAGE CONDITIONS

STORAGE +4 °C in a dry place.

EXPIRATION DATE 12/2026 under the above conditions.

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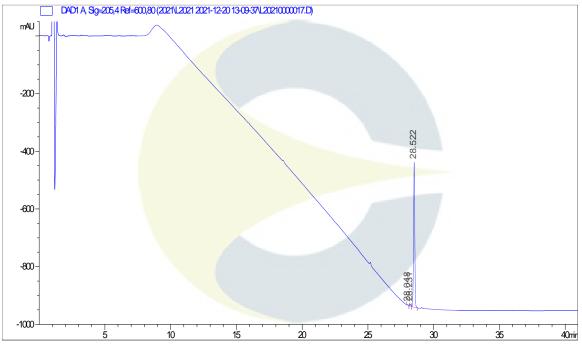
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ANALYTICAL	CONDITIONS
	CONDITIONS

INSTRUMENT	AGILENT 1260 HPLC UV-VIS (DAD); AB–SCIEX 6600 TRIPLE TOF
COLUMN	Phenomenex Luna C18(2) 150 x 2.00 mm, 5 μ m particle size
MOBILE PHASE	A - 0.1% Trifluoroacetic acid in Ultrapure water, B - Acetonitrile;
	lsocratic 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.	0° C
FLOW RATE	0.4 mL/minute
INJECTION VOL.	2.0 μL
INJECTION CONC.	1.0 mg/mL in Methanol
DETECTION	205 ± 4 nm

HPLC CHROMATOGRAM OF beta-Boswellic ACID (CDXP-21-00891)



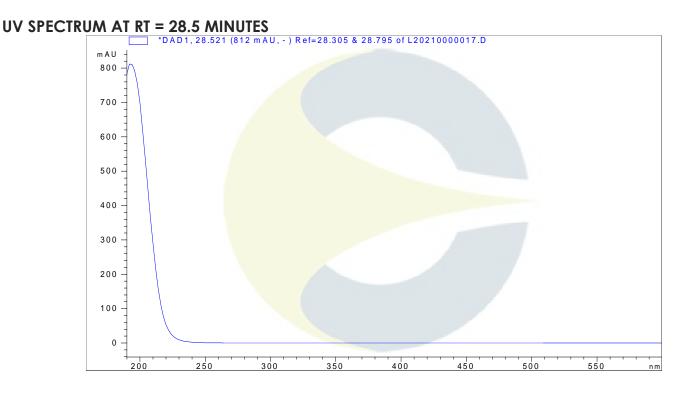




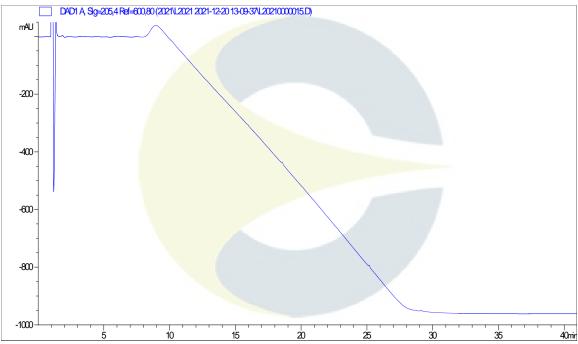
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HPLC CHROMATOGRAM OF DILUENT BLANK



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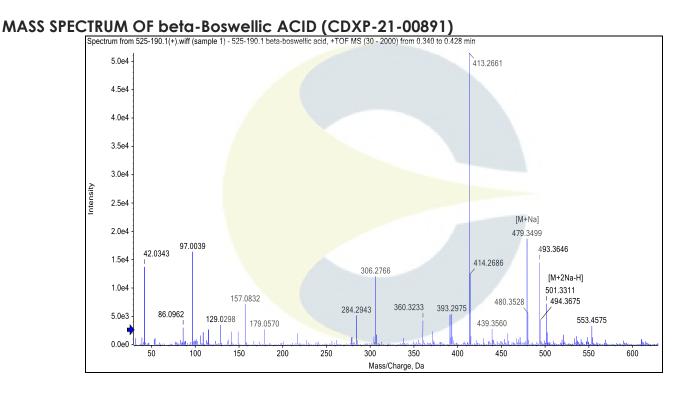




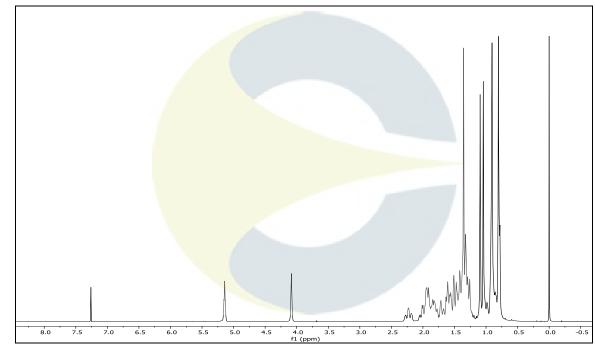
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¹H-NMR SPECTRUM OF beta-Boswellic ACID (CDXP-21-00891) IN CDCI₃ + TMS





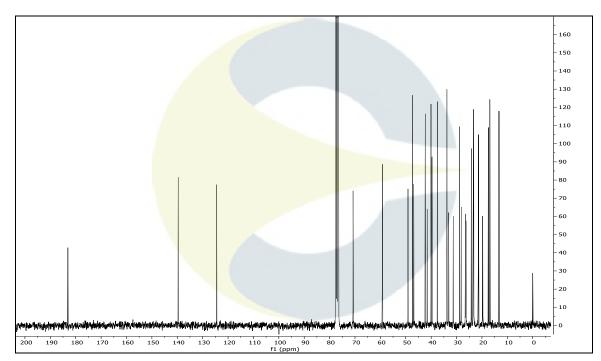




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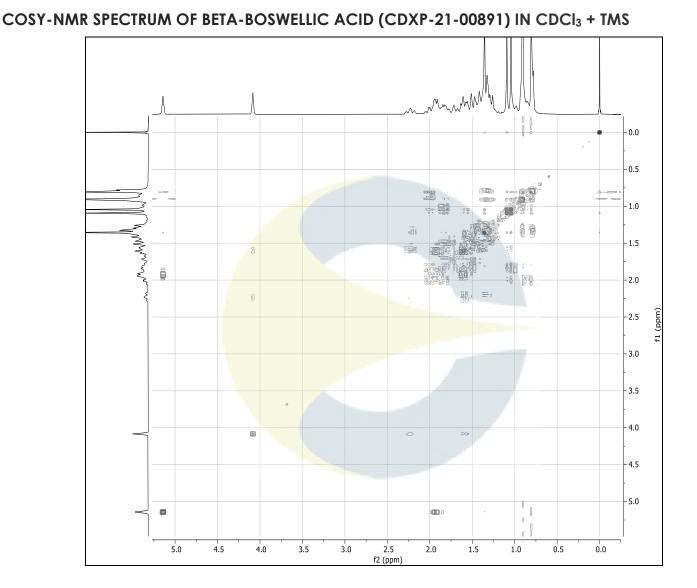




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REVISION HISTORY

Revision HistoryDate of RevisionDocument/Changes0001/06/2022New report