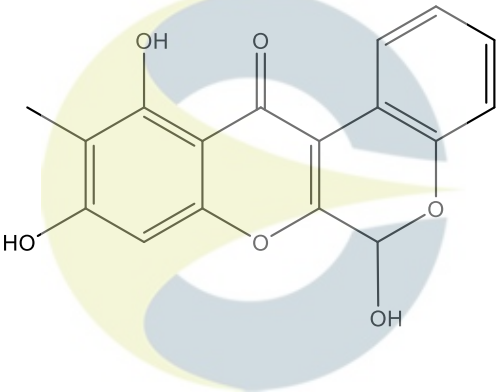


Certificate of Analysis

For Laboratory Use Only

PRODUCT NAME	Boeravinone B	<div style="text-align: center;"> Structure  </div>
PART NUMBER	00002340	
STANDARD TYPE	Analytical Standard (AS)	
LOT NUMBER	00002340-T17G	
REPORT NUMBER	CDXA-RSS-7942-01	
SAMPLE NUMBER	CDXP-18-00280	
DATE OF SAMPLE	04/04/2018	
DATE OF RE-EVALUATION	03/09/2022	
DATE OF REPORT	04/01/2022	

CHEMICAL NAMES	6,9,11-Trihydroxy-10-methyl[1]benzopyrano[3,4-b][1]benzopyran-12(6H)-one; Melavoid
CHEMICAL FORMULA	C ₁₇ H ₁₂ O ₆
MOLECULAR WEIGHT (MW)	312.27
CHEMICAL FAMILY	Isoflavone
CAS NUMBER	[114567-34-9]
EC#(EINECS)	683-253-5
RTECS	DJ2621260

ANALYTICAL RESULTS

TEST	METHOD	SPECIFICATION	RESULT
HPLC	0.700.10.2.METH22	≥ 75%	94.3%
Mass Spectrum	99.1-04-3.0-000126	Conforms	Conforms
Appearance	NA	NA	Yellow powder

STORAGE CONDITIONS

STORAGE	-20 °C in a dry place.
EXPIRATION DATE	03/2027 under the above conditions.

This document is the property of ChromaDex, Inc. and/or its relevant affiliates and contains confidential and proprietary material for the sole use of the intended recipient(s). Any review, use, distribution or disclosure by or to others is strictly prohibited.

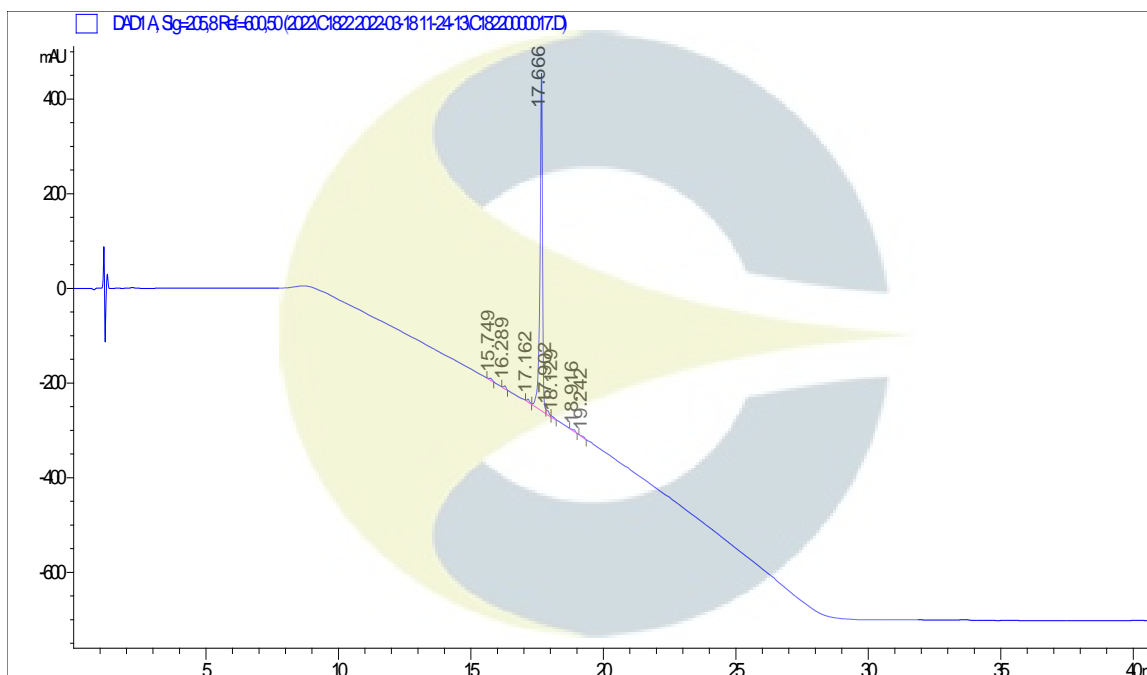
Certificate of Analysis

For Laboratory Use Only

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

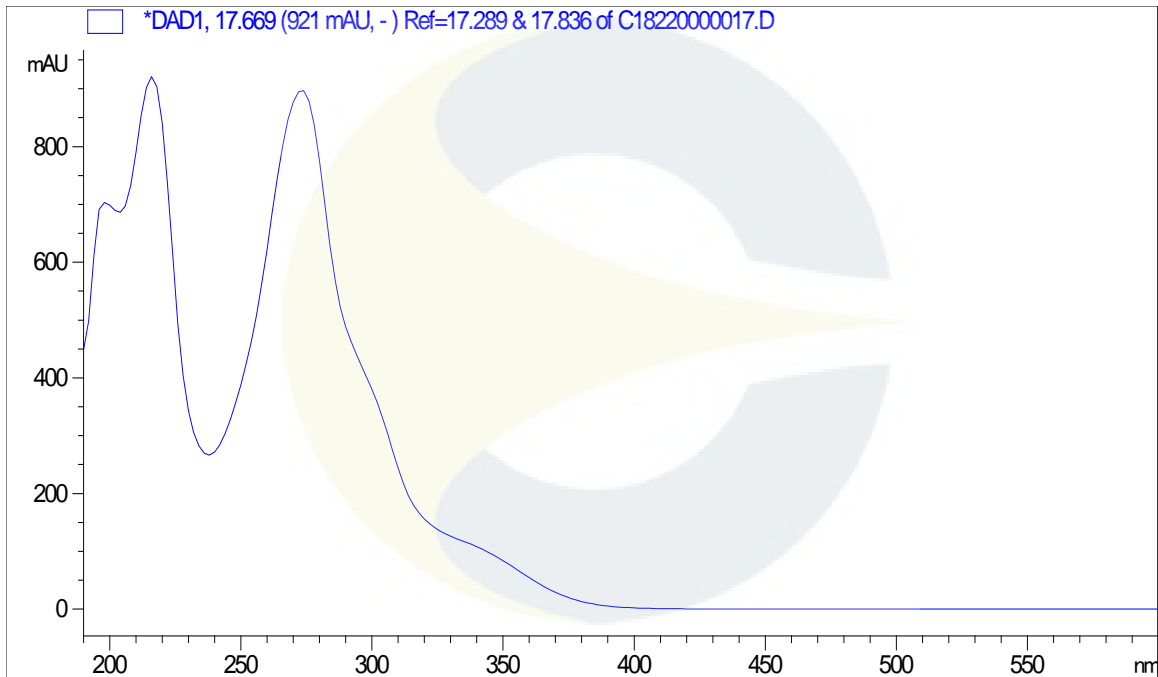
HPLC CHROMATOGRAM OF BOERAVINONE B (CDXP-18-00280)



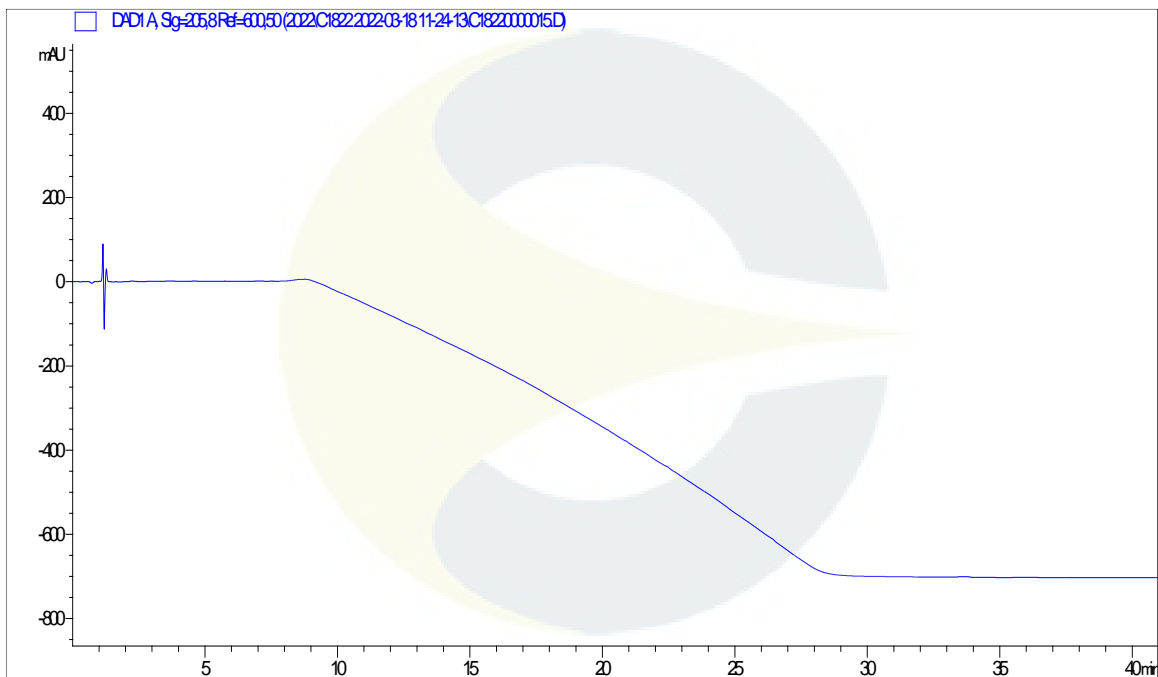
This document is the property of ChromaDex, Inc. and/or its relevant affiliates and contains confidential and proprietary material for the sole use of the intended recipient(s). Any review, use, distribution or disclosure by or to others is strictly prohibited.

Certificate of Analysis For Laboratory Use Only

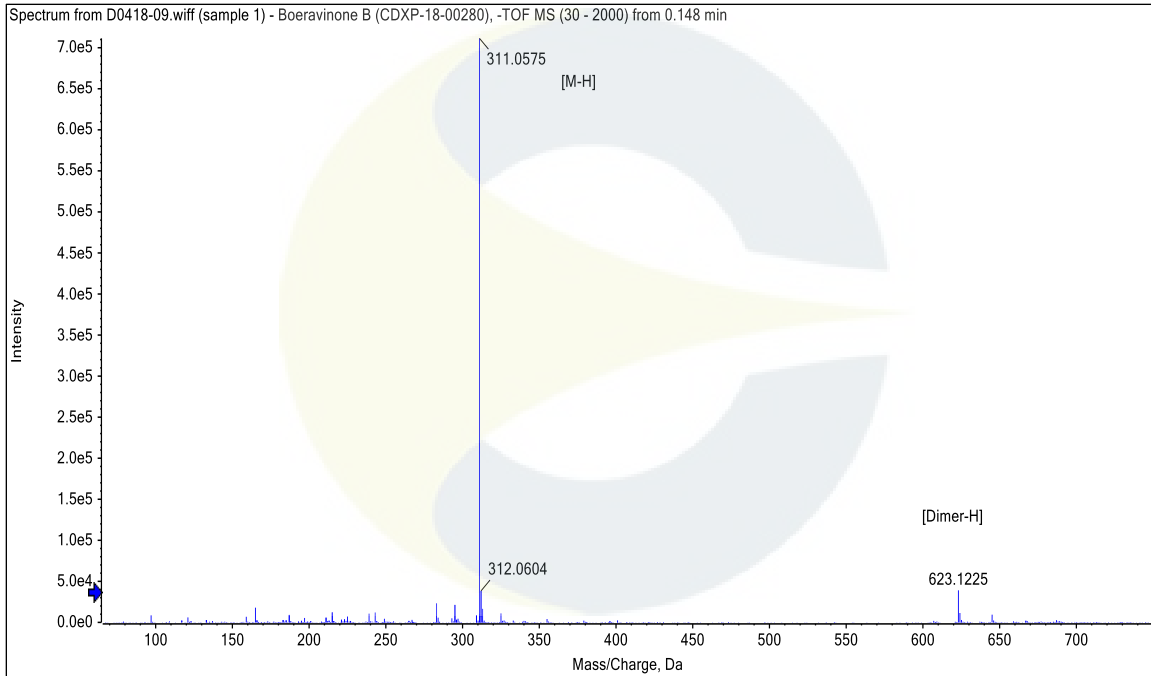
UV SPECTRUM AT RT = 17.7 MINUTES



HPLC CHROMATOGRAM OF DILUENT BLANK



This document is the property of ChromaDex, Inc. and/or its relevant affiliates and contains confidential and proprietary material for the sole use of the intended recipient(s). Any review, use, distribution or disclosure by or to others is strictly prohibited.

MASS SPECTRUM OF BOERAVINONE B (CDXP-18-00280)

REVISION HISTORY

<u>Revision History</u>	<u>Date of Revision</u>	<u>Document/Changes</u>
00	04/24/2018	New report
01	04/01/2022	Passed reevaluation by HPLC. Updated analytical results, conditions, and chromatograms. Added EINECS. Extended expiration date.

This document is the property of ChromaDex, Inc. and/or its relevant affiliates and contains confidential and proprietary material for the sole use of the intended recipient(s). Any review, use, distribution or disclosure by or to others is strictly prohibited.