

EXTERNAL VALIDATIONS

3rd-Party Lab Tests

Validations

vs Valenveras

This report details external laboratory validations for Valenveras (powered by BÜCHI), comparing its results against ISO 17025-certified facilities. The data demonstrates high correlation with 3rd-party tests for cannabinoids like THC, CBD, and CBG across various flower samples.



INSTRUMENT

Valenveras Portable Lab

SAMPLE TYPE

Dry flower

6

VALIDATION STUDIES

5THIRD-PARTY
LABORATORIES**20**

SAMPLES COMPARED

ISO 17025

CERTIFIED FACILITIES

3RD-PARTY LAB TESTS VALIDATIONS

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01 Overview

This report presents six external validation studies in which the Valenveras Portable Lab was compared against ISO 17025-certified laboratories. Each study page lists the laboratory, date, samples, producer and sample type, followed by the results table and chart.

VALIDATION STUDIES AT A GLANCE

STUDY	LABORATORY	DATE	PRODUCER	SAMPLES	PARAMETERS
1	Cannasol	21 Jan 2025	Plantis Farm	2	THC, CBD
2	Bright Labs	14 Oct 2024	F1 Seed Tech	4	THC
3	Bright Labs	14 Oct 2024	F1 Seed Tech	4	THC
4	Spectral Fingerprints	14 Nov 2024	Valenveras	1	CBD, CBG, THC, THCa
5	Syqe Lab	3 Sep 2024	Bedrocan	2	THCA
6	Bactochem & Cannasol	19 Jan 2025	Planteck	7	THC

THC AGREEMENT ACROSS ALL STUDIES

0.97	0.65 pp	21 / 25	2.34 pp
PEARSON CORRELATION	MEAN ABSOLUTE DIFFERENCE	COMPARISONS WITHIN ±1 PP	LARGEST DIFFERENCE

Calculated from the THC results tabulated in this report: 25 comparisons of Valenveras against a reference laboratory (Study 6 contributes 14: seven samples against each of two laboratories). pp = percentage points; difference = Valenveras – reference laboratory.

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EXTERNAL VALIDATION · STUDY 1 OF 6

Cannasol

DRY FLOWER

LABORATORY	Cannasol
DATE	21 January 2025
SAMPLES	G01F2435A1, G02P2441A3
SAMPLE PRODUCER	Plantis Farm
SAMPLE TYPE	Dry flower

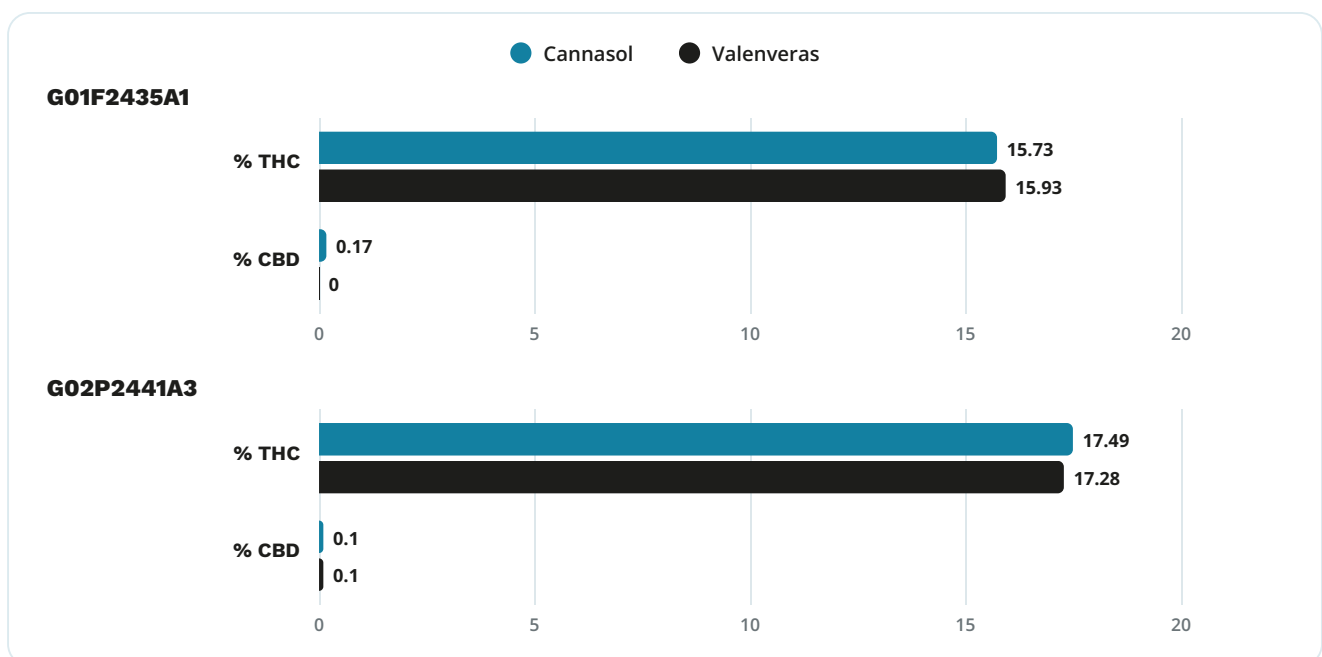


ILLUSTRATIVE IMAGE

RESULTS

	G01F2435A1			G02P2441A3		
	CANNASOL	VALENVERAS	Δ	CANNASOL	VALENVERAS	Δ
% THC	15.73	15.93	+0.20	17.49	17.28	-0.21
% CBD	0.17	0	-0.17	0.1	0.1	0.00

CANNASOL VS VALENVERAS



Testing is conducted in an ISO 17025-certified lab facility.

Δ = Valenveras – reference laboratory, in percentage points (calculated from the values in the table).

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EXTERNAL VALIDATION · STUDY 2 OF 6

Bright Labs

DRY & GROUND FLOWER

LABORATORY	Bright Labs
DATE	14 October 2024
SAMPLES	Big Flower, Small Flower, Grounded sample 003, Grounded sample 005
SAMPLE PRODUCER	F1 Seed Tech
SAMPLE TYPE	Dry flower, ground flower

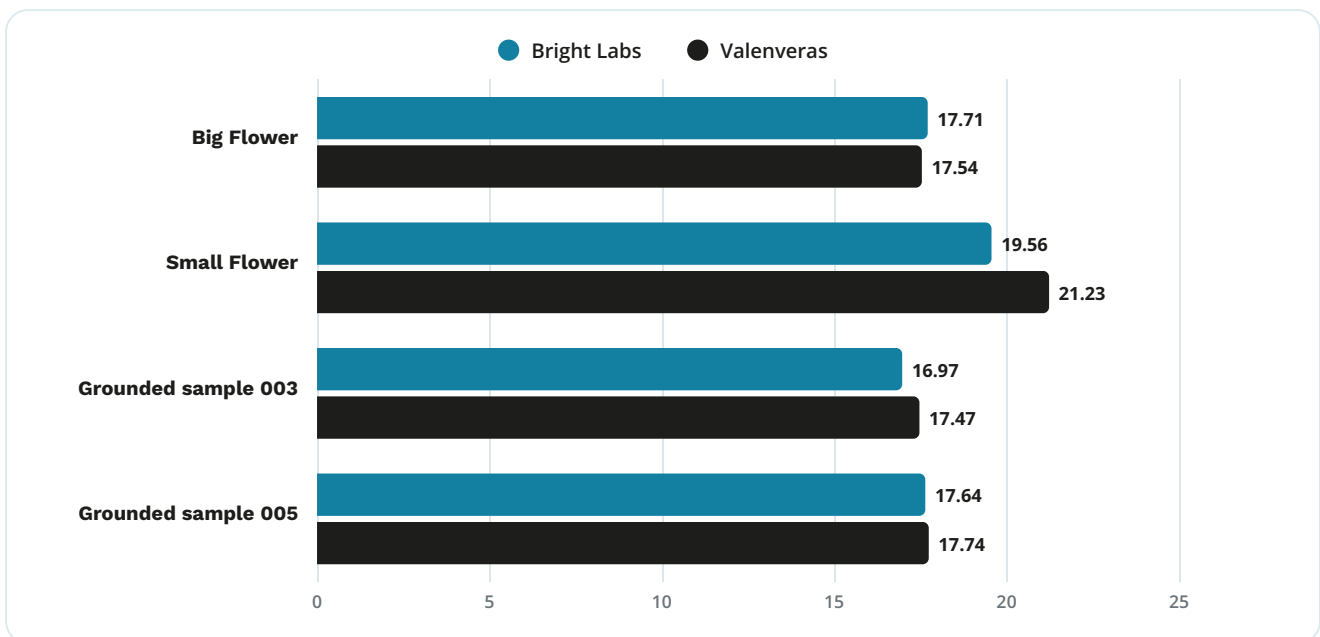


ILLUSTRATIVE IMAGE

RESULTS · % THC

% THC	BIG FLOWER	SMALL FLOWER	GROUNDING SAMPLE 003	GROUNDING SAMPLE 005
Bright Labs	17.71	19.56	16.97	17.64
Valenveras	17.54	21.23	17.47	17.74
Δ (pp)	-0.17	+1.67	+0.50	+0.10

% THC · BRIGHT LABS VS VALENVERAS



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EXTERNAL VALIDATION · STUDY 3 OF 6

Bright Labs

DRY FLOWER

LABORATORY	Bright Labs
DATE	14 October 2024
SAMPLES	9, 10, 1224, 1197
SAMPLE PRODUCER	F1 Seed Tech
SAMPLE TYPE	Dry flower

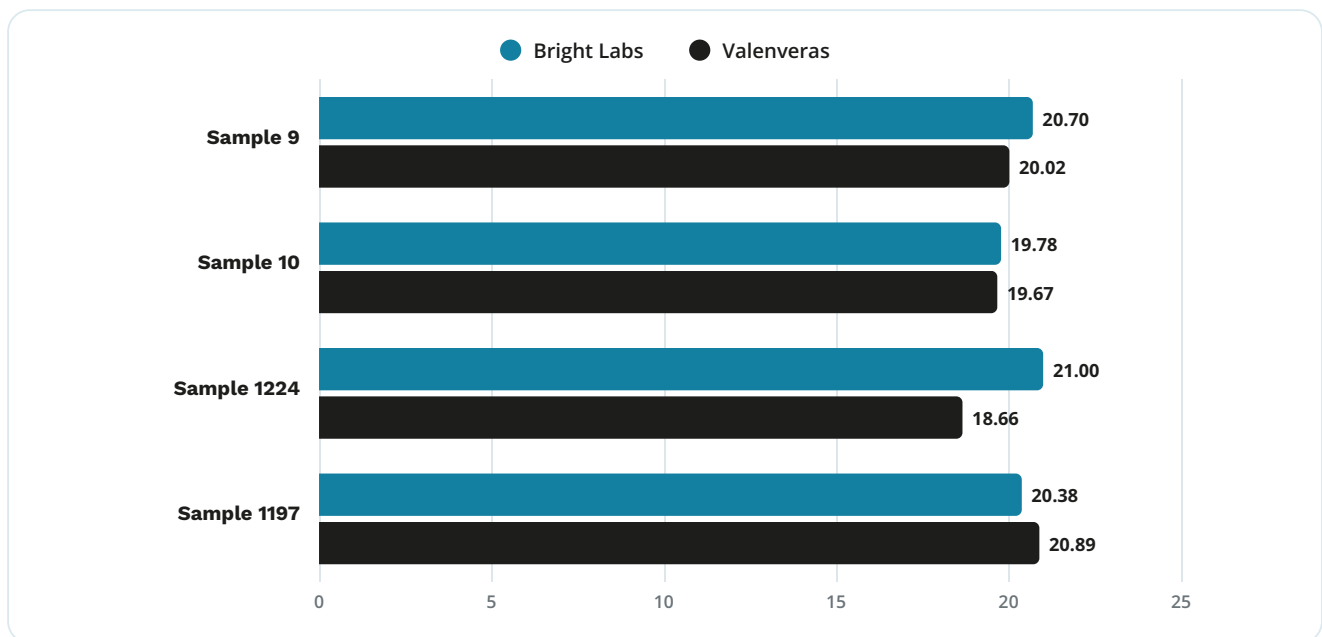


ILLUSTRATIVE IMAGE

RESULTS · % THC

% THC	9	10	1224	1197
Bright Labs	20.70	19.78	21.00	20.38
Valenveras	20.02	19.67	18.66	20.89
Δ (pp)	-0.68	-0.11	-2.34	+0.51

% THC · BRIGHT LABS VS VALENVERAS



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EXTERNAL VALIDATION · STUDY 4 OF 6

Spectral Fingerprints

DRY FLOWER

LABORATORY	Spectral Fingerprints
DATE	14 November 2024
SAMPLE	A10351-1
SAMPLE PRODUCER	Valenveras
SAMPLE TYPE	Dry flower

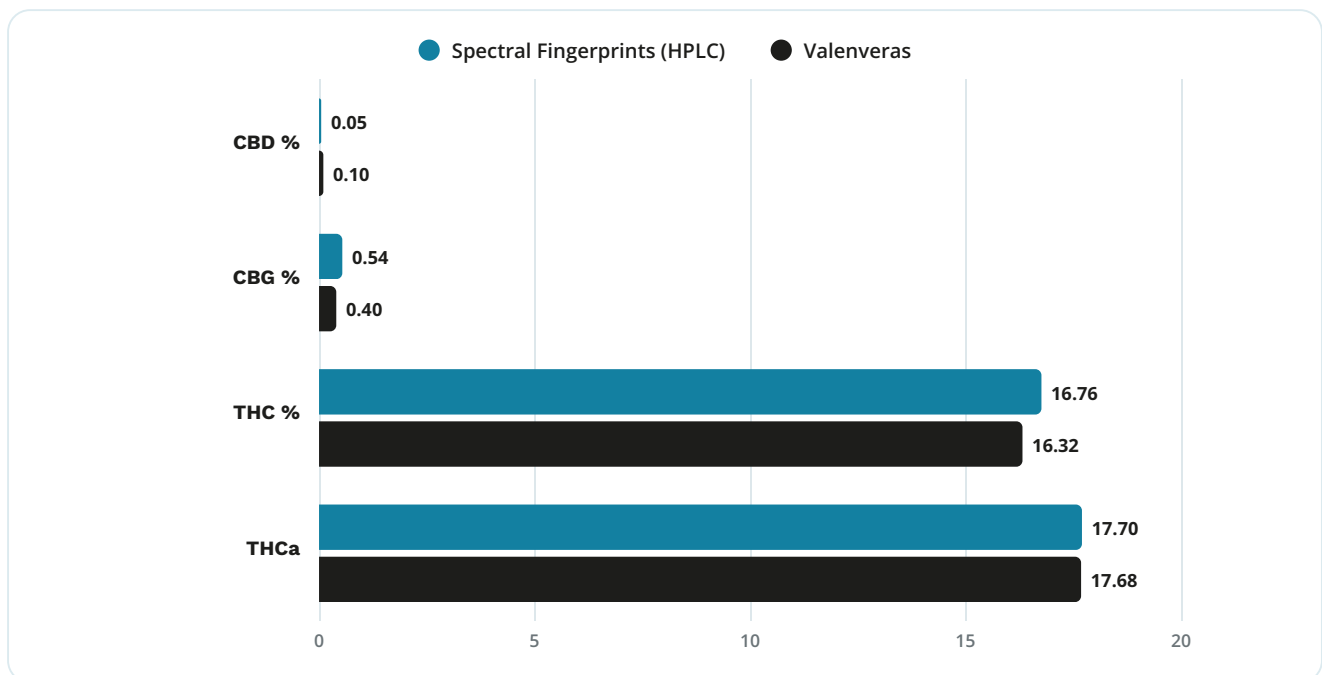


ILLUSTRATIVE IMAGE

RESULTS · SAMPLE A10351-1

ANALYTE	CBD %	CBG %	THC %	THCA
Spectral Fingerprints (HPLC)	0.05	0.54	16.76	17.70
Valenveras	0.10	0.40	16.32	17.68
Δ (pp)	+0.05	-0.14	-0.44	-0.02

A10351-1 · SPECTRAL FINGERPRINTS VS VALENVERAS



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Δ = Valenveras – reference laboratory, in percentage points (calculated from the values in the table).

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EXTERNAL VALIDATION · STUDY 5 OF 6

Syqe Lab
DRY FLOWER

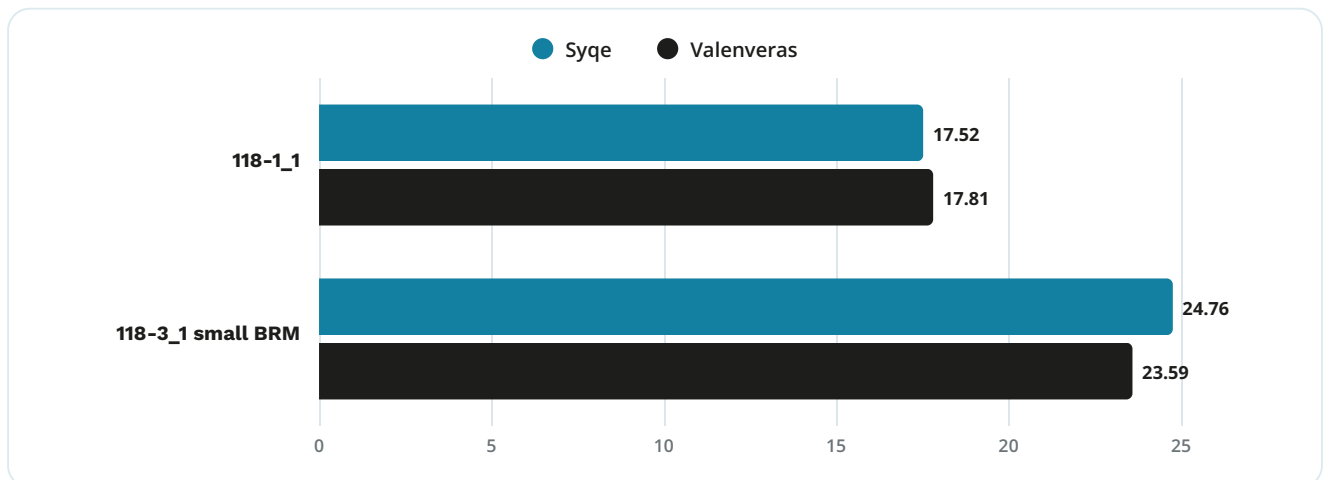
LABORATORY	Syqe Lab
DATE	3 September 2024
SAMPLES	118-1_1, 118-3_1 small BRM
SAMPLE PRODUCER	Bedrocan
SAMPLE TYPE	Dry flower



ILLUSTRATIVE IMAGE

RESULTS

	118-1_1			118-3_1 SMALL BRM		
	SYQE	VALENVERAS	Δ	SYQE	VALENVERAS	Δ
% THCA	17.52	17.81	+0.29	24.76	23.59	-1.17

% THCA · SYQE VS VALENVERAS


Testing is conducted in an ISO 17025-certified lab facility.

Δ = Valenveras – reference laboratory, in percentage points (calculated from the values in the table).

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EXTERNAL VALIDATION · STUDY 6 OF 6

Bactochem & Cannasol

DRY FLOWER

LABORATORIES	Bactochem & Cannasol
DATE	19 January 2025
SAMPLES	70, 47, 60, RSK41, RSK29, K1, Q
SAMPLE PRODUCER	Planteck
SAMPLE TYPE	Dry flower

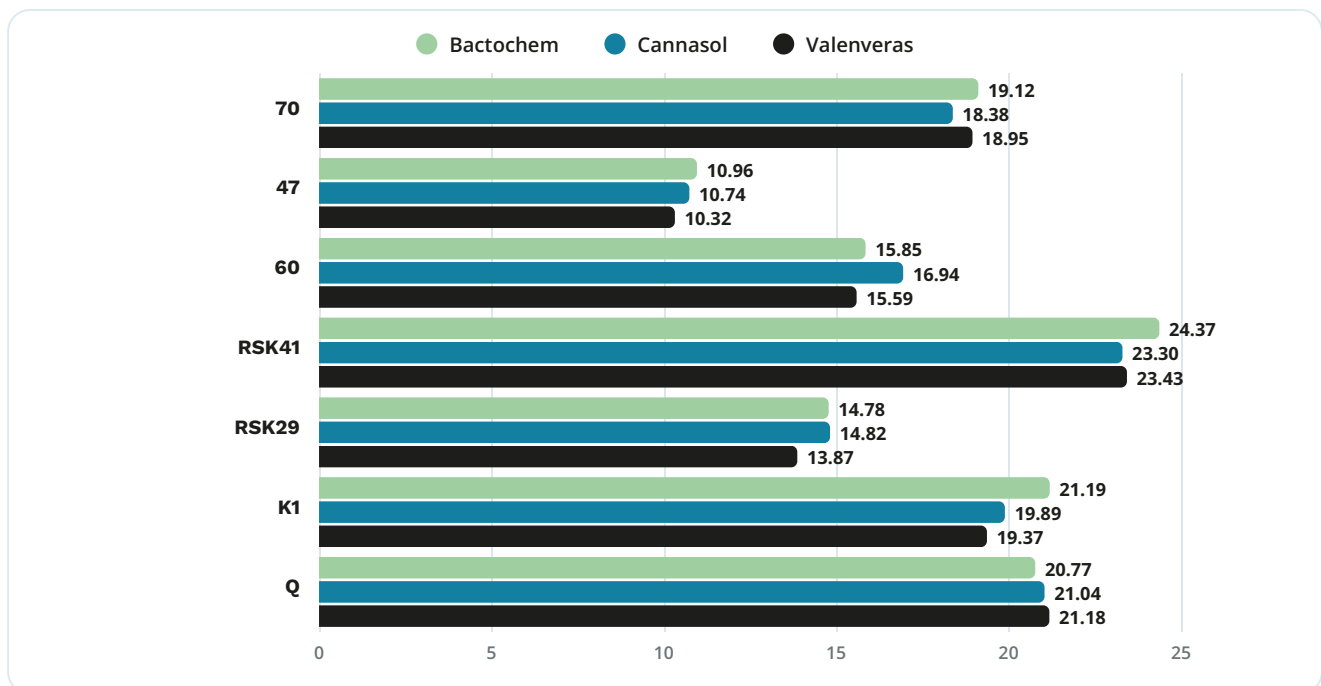


ILLUSTRATIVE IMAGE

RESULTS · % THC

SAMPLE	BACTOCHEM THC %	CANNASOL THC %	VALENVERAS THC %	Δ VS BACTOCHEM	Δ VS CANNASOL
70	19.12	18.38	18.95	-0.17	+0.57
47	10.96	10.74	10.32	-0.64	-0.42
60	15.85	16.94	15.59	-0.26	-1.35
RSK41	24.37	23.30	23.43	-0.94	+0.13
RSK29	14.78	14.82	13.87	-0.91	-0.95
K1	21.19	19.89	19.37	-1.82	-0.52
Q	20.77	21.04	21.18	+0.41	+0.14

% THC · BACTOCHEM & CANNASOL VS VALENVERAS



Testing is conducted in an ISO 17025-certified lab facility.

Δ = Valenveras – reference laboratory, in percentage points (calculated from the values in the table).



POWERED BY BÜCHI

3rd-Party Lab Tests Validations vs Valenveras



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