

1/10/2025

Tilray Brands (TLRY)

Company Update: Neutral

Sales	FY23a	FY24a	FY25e	Prev	FY26e	Prev	FY27e	Prev
1Q	153.2	176.9	200.0 A	200.0	225.2	228.5	237.3	240.0
2Q	144.1	193.8	211.0 E	215.7	224.5	231.8	237.0	243.2
3Q	145.6	188.3	211.6 E	217.0	222.2	229.5	234.6	241.0
4Q	184.2	229.9	255.4 E	271.1	263.0	279.5	278.4	293.6
FY	627.1	788.9	878.0 E	903.8	934.9	969.3	987.3	1,017.8
EBITDA	FY23a	FY24a	FY25e	Prev	FY26e	Prev	FY27e	Prev
1Q	12.8	10.7	9.3 A	9.3	19.2	19.3	21.2	21.3
2Q	11.0	10.1	9.0 E	12.1	16.6	15.6	24.6	23.8
3Q	13.3	10.2	13.9 E	12.6	22.3	22.2	20.1	19.8
4Q	22,2	29.5	26.3 E	32.1	24.1	29.0	26.5	31.8
FY	59.4	60.5	58.6 E	66.1	82.2	86.1	92.4	96.7
Share price	ce (US\$)	1.22	Perf.	TLRY	YOLO	S&P500	Stance:	Neutral
Share cou	nt (mn)	929.4	30d	-7%	-9%	-4%	n	o price target
Market Ca	ap (US\$Mn)	1,134	90d	-23%	-24%	1%		FY=May
Ticker		TLRY	1yr	-42%	-27%	22%		



\$Mn	FY25e	FY26e	FY27e
Projected EV	1,306	1,321	1,335
EV/Sales	1.5x	1.4x	1.4x
EV/EBITDA	22.3x	16.1x	14.4x
	FY25e	FY26e	FY27e
Net debt/Sales	-0.1x	-0.1x	-0.1x
Net debt/EBITDA	-1.8x	-1.4x	-1.4x
Free Cash Flow	-138.8	-14.5	-12.3
Net debt	-103.6	-118.1	-130.4
Consensus	FY25e	FY26e	FY27e
Sales	904.1	957.0	na
EBITDA	68.8	92.7	na
Guidance FY25:	950-1000	<- Sales	

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Updated Estimates/Views Post Fiscal 2Q25

TLRY shares are down 12% intraday (11am ET) following the release of Nov qtr results before the market open. The company missed FactSet consensus estimates (sales by 2%; EBITDA \$9Mn vs. \$11.6Mn) and integration efforts temporarily worsened FCF trends, but we are encouraged by several factors (our Neutral notwithstanding): the growth in international (25% yoy) and increased focus on the patient-led segment; a more profit margin based approach to the Canadian rec market (and to innovation); ongoing successful integration of the various alc drinks assets acquired (more regionally focused; footprint rationalization; 3rd party distributor engagement; continued margin accretive innovation); and the entry into HDD9 beverages in the US, where it is uniquely positioned given its access to a broad distributor network (vs. peers that are mostly focused on the online DTC channel). Also, management remains confident it will deliver on its FY25 sales guidance of \$950Mn to \$1Bn (1H25: \$411Mn), and believes it is well-placed to benefit from potential regulatory changes in the US with the incoming administration. That said, we will remain neutral for now and Will keep an eye on top line trends vs guidance; gains in international MMJ; gross margins and FCF trends.

Our take on 2Q25 (Nov). At the divisional level, our focus is on absolute adj \$ gross profits (TLRY does not split EBITDA by business line). *Note: All numbers in US\$ unless noted otherwise.*

- Cannabis: Total net sales grew 7% seq to \$65.7Mn (net rec +1% qoq at \$38.2Mn per our estimates; intl med \$14.9Mn +22%; domestic net med \$6.7Mn +7%, per Z&A; domestic B2B \$6.6Mn +20%). The highlight is clearly the intl piece, which we estimate may carry 2-3x higher gross margins. The rec piece in undergoing a transition on SKU rationalization given an increased focus on profitability. Adj gross profits fell 4% seq to \$23.2Mn, with margins down 420bp to 35.3%; the latter is partly explained by the B2B piece and ongoing pressure in rec. We discuss outlook later in this note.
- Beverages: This piece is harder to evaluate, in our view, given recent M&A (i.e. the yoy and qoq base are not comparable; the TAP craft brands deal closed in early Sep'24 and the BUD craft brands closed in early Oct'23), seasonality, and no proforma commentary by qtr. Net sales increased seq +13% to \$63.1Mn (Nov is a weaker seasonal than Aug, but 2Q25 has almost a full quarter of the TAP brands). Adj gross margins increased 80bp to 42.1%. Note: Management noted 2Q included about \$2Mn in sales from the HDD9 launch.
- Other (distribution and wellness): These two other units accounted for 20% of adj gross profits. German pharma distribution adj gross profit was up 2% seq to \$8.6Mn, and wellness (hemp food) -2% to \$4.4Mn.

Re the B/S and cash flow: Reported FCF for 2Q25 was -\$46.1Mn (-\$42Mn in 1Q25); the company also discloses adj FCF exing out what it calls growth capex. Management explained the weaker yoy FCF performance on "increased demand on the working capital as it moved from ABI's payment terms through their co-manufacturing agreements to now its own payment terms during the continued integration of production into Tilray's own beverage operations". Net debt at the end



of Nov was only \$53Mn (\$252Mn in gross cash), or less than 0.1x annualized 2Q25 sales. During 1H25, the company disclosed \$18Mn in acquisitions (TAP brands) and raised \$112Mn in new equity (owing to M&A and at the market equity offerings). At the time of the publication of this report, the 10-Q is not out yet, so we do not have the latest share count (it was 903.3mn on 10/8/24).

Outlook commentary. Our focus is mostly on international MMJ, US optionality, and the launch of HDD9 drinks. That said, the company has significant ambitions in beverages and will continue to scale (although it is still well below the size of Boston Beer's \$2Bn in sales).

- FY25 sales guidance was kept at \$950Mn to \$1Bn. 4Q (May) tends to be seasonally strong for the beverage business (shipments ahead of the summer, including Memorial Day).
 That said, we are below guidance.
- SKU rationalization efforts may continue to dent top line, both for beverages as well as Canada MJ rec, but on the other hand accretive product innovation (30 new MJ SKUs planned for 2H25 in Canada rec) and cost synergies should still lead to higher \$ adjusted gross profits over time.
- While international may be choppy qtr to qtr (due to permit issues), we value Tilray's increased focus on the patient-led channels in key markets like Germany and Australia. The company has dominant market share in extracts (led by its Tilray balanced THC/CBD SKUs) and relies on its sales force to engage with prescribing doctors. Now, with more flower SKUs (brands, strains, potency levels) and engagement with pharmacies/patients (following local norms), TLRY should benefit from flower growth (see our German imports note as well as our report on the strong growth of Canadian exports). TLRY benefits from three cultivation locations (Canada, Portugal, Germany).
- Estimates on the size of the HDD9 drinks market vary (see our recent Zoom panel), but we estimate the bulk of industry sales at present comes from the online DTC channel with some notable exceptions at the state level in brick & mortar (off premise as well as on premise) as in the case of MN. There is also a question around velocity for HDD9 drinks at this point to garner the interest of the B&M trade (retailer and distributors). That said, we agree with the management vision that future growth should be mostly driven by B&M, and that TLRY is uniquely placed given its access to a broad 3rd party network of beer distributors, compared to other HDD9 drinks vendors.
- Now, re US optionality. We would divide this into three parts. One, the beer distributor network is a plus now in the short term with HDD9 (at the state level this will depend on individual regs), and potentially in the future with the federal legalization of rec (sure, timeline is uncertain). Two, the company believes it would be well-placed if the US were to federally legalize medical cannabis (with doctor Rx prescriptions and FDA regulated sales via pharmacies), and it sees this as a~\$250Mn revenue opportunity assuming only 2-3% share (our take? It remains uncertain how and when the US will federally legalize cannabis, and whether/how it will bifurcate rec/med). Three, while based on company



commentary, it seems unlikely TLRY will follow the likes of CGC and SNDL in building US rec beachheads via "options-based agreements" (TLRY's terminology), we are intrigued by the appointment of AYR interim CEO Steven Cohen to the TLRY Board and do not see this path as totally closed.

 Re alc drinks we would note this is a (sizeable) source of stable cash flow and profitability (seasonality aside), and we share the view TLRY can reap both top line and cost synergies with increased focus (vs. the brands' prior owners) and as it further scales up. All this, besides future and present optionality (in this last case, see HDD9).

Valuation and stock performance, and investment thesis.

- The stock is down 23% in the last 3mo compared with -49% for the MSOs ETF (subset of large Canadian LPs is down 19%; S&P500+1%). Taking the intraday share price of US\$1.22, we calculate a spot EV of US\$1.25Bn (appendix LP comps are shown in C\$), which implies 1.5x the current pace of sales (2Q25 annualized; we calculate FY24 proforma at \$870Mn factoring all the TAP brands acquired) and 1.3x the midpoint of FY25 sales guidance. If we strip out the cannabis assets (see SOP analysis), we calculate the cannabis piece trades north of 2x spot EV/sales, above Canadian LP peers (<1x), but in line with the likes of Curaleaf and Green Thumb. Given the company's global potential, we could say the valuation is far from rich in absolute terms.
- Tilray has the stock liquidity (one the two most liquid cannabis stocks, and one of the few
 for which investors can get bank/broker custody), a large market cap, and a significant
 cash balance. While we rate the stock Neutral (mostly on relative valuation), we believe
 Tilray is one of the few cannabis companies building a global ecosystem of assets, brands,
 footprint, and facilities, combined with a robust balance sheet, which makes us think it
 should be one of the global MJ industry leaders taking a 5 to 10-year view (in what should
 be a much larger and consolidated industry by then).
- True, the lack of a specific THC cannabis piece in the US, and mixed stock performance (in part on concerns about opex and shareholder dilution, which may not always be entirely justified, in our view), may limit the stock's appeal for some, in our interpretation. That said, therein may lie a buying opportunity.
- Still, we prefer to remain sidelined (though more constructive), but we are keeping a close
 eye on international (2Q25 was a positive qt for that division), growth in drinks, US moves,
 and FCF trends. Our FY25 sales estimate is below the guidance range (and we realize that
 may remain a driver of sentiment in the short term).



Table 1: Stocks mentioned in this report

Company name	Ticker	Ticker	Rating
US MSOs			
4Front Ventures		FFNTF	not rated
Ascend Wellness		AAWH	will cover
AYR Wellness		AYRWF	not rated
Cannabist		CCHWF	not rated
Cansortium		CNTMF	will cover
Cresco Labs		CRLBF	Overweight
Curaleaf Holdings		CURLF	will cover
GlassHouse Brands		GLASF	not rated
Gold Flora		GRAM	Overweight
Green Thumb Industrie	is .	GTBIF	Overweight
Grown Rogue		GRUSF	not rated
Jushi Holdings		JUSHF	Overweight
MariMed		MRMD	Overweight
Planet 13 Holdings		PLNHF	Overweight
Schwazze		SHWZ	will cover
TerrAscend		TSNDF	not rated
TILT Holdings		TLLTF	Neutral
Trulieve Cannabis		TCNNF	not rated
Verano Holdings		VRNOF	Overweight
Vext Science, Inc.		VEXTF	Overweight
Vireo Growth		VREOF	will cover
Finance (MJ) Companie	es		
AFC Gamma		AFCG	Overweight
Chicago Atlantic BDC		LIEN	will cover
Chicago Atlantic REAF		REFI	Overweight
Innovative Industrial Pr	operties	IIPR	not rated
New Lake Capital Partne	ers	NLCP	Overweight
SHF Holdings		SHFS	not rated

Company name	Ticker	Rating
Canada LPs		
Aurora Cannabis	ACB	Neutral
Auxly Cannabis Group	CBWTF	will cover
Avant Brands	AVTBF	will cover
Avicanna	AVCN	not rated
Ayurcann Holdings	AYURF	will cover
Cannara Biotech	LOVFF	not rated
Canopy Growth Corporation	CGC	will cover
Cronos Group	CRON	not rated
Decibel Cannabis Co	DBCCF	Overweight
Organigram Holdings	OGI	will cover
Rubicon Organics	ROMJF	not rated
SNDL	SNDL	not rated
Tilray Brands	TLRY	Neutral
Village Farms Intl	VFF	Overweight
Other		
Agrify	AGFY	not rated
Cannapresso	TBD	not rated
Cantourage AG	HIGH:FF	not rated
Flora Growth	FLGC	not rated
Grow Generation	GRWG	not rated
Intercure	INCR	not rated
Ispire Technology	ISPR	will cover
Leafty	LFLY	not rated
LFTD Partners Inc.	LIFD	Overweight
Smoore International	SMORF	will cover
Springbig	SBIG	not rated
Urban-gro	UGRO	not rated
WM Technology	MAPS	Neutral

Source: Z&A ratings



Appendix I: Company Financials

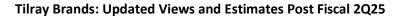




Exhibit 1: Financial Highlights

US\$ Mn	May FY23	Aug 1Q24	Nov 2Q24	Feb 3Q24	May 4Q24	May FY24	Aug 1Q25	Nov 2Q25	Feb 3Q25e	May 4Q25e	May FY25e	May FY26e	May FY27e
033 MIII	F123	1424	2424	3424	4424	1124	1423	2023	SQESE	44236	F1256	F1206	11276
Net Sales (\$ Mn)	627.1	176.9	193.8	188.3	229.9	788.9	200.0	211.0	211.6	255.4	878.0	934.9	987.3
qoq ch %	na	-4%	10%	-3%	22%	na	-13%	5%	0%	21%	na	na	na
yoy ch %	0%	15%	34%	29%	25%	26%	13%	9%	12%	11%	11%	6%	6%
guidance								na	na	na	950-1000	na	na
consensus Sales									217.7	270.4	904.1	957.0	na
Profit margins (on net sales)													
Gross profit before FV adj	147.0	44.2	47.4	49.4	79.8	220.8	59.7	61.2	62.8	90.9	274.6	307.6	339.3
as % of sales	23.4%	25.0%	24.5%	26.2%	34.7%	28.0%	29.8%	29.0%	29.7%	35.6%	31.3%	32.9%	34.4%
Gross profit after FV adj	147.0	44.2	47.4	49.4	79.8	220.8	59.7	61.2	62.8	90.9	274.6	307.6	339.3
as % of sales	23.4%	25.0%	24.5%	26.2%	34.7%	28.0%	29.8%	29.0%	29.7%	35.6%	31.3%	32.9%	34.4%
Op exp	1,516.6	78.6	89.2	131.5	96.3	395.5	96.3	103.4	94.5	108.9	403.2	408.1	433.8
as % of sales	241.8%	44.4%	46.0%	69.8%	41.9%	50.1%	48.1%	49.0%	44.7%	42.7%	45.9%	43.7%	43.9%
EBIT	-1,369.7	-34.4	-41.8	-82.1	-16.5	-174.7	-36.6	-42.2	-31.7	-18.1	-128.6	-100.5	-94.5
as % of sales	-218.4%	-19.4%	-21.6%	-43.6%	-7.2%	-22.1%	-18.3%	-20.0%	-15.0%	-7.1%	-14.6%	-10.8%	-9.6%
adj EBITDA	58.7	10.7	10.1	10.2	29.5	60.5	9.3	9.0	13.9	26.3	58.6	82.2	92.4
as % of sales	9.4%	6.1%	5.2%	5.4%	12.8%	7.7%	4.7%	4.3%	6.6%	10.3%	6.7%	8.8%	9.4%
guidance					29-32	60-63	na	na	na	na	na	na	na
consensus adj EBITDA									12.7	34.7	68.8	92.7	na
as % of sales									5.8%	12.8%	7.6%	9.7%	na
EPS													
Pre tax income	-1,450.2	-48.6	-49.6	-107.9	-43.0	-249.0	-33.8	-83.2	-36.9	-23.2	-177.1	-120.9	-114.9
Tax rate assumption	-0.5%	14.9%	-6.8%	-2.7%	-64.2%	-10.7%	2.6%	2.4%	-0.5%	-0.5%	1.5%	-0.5%	-0.5%
Net income	-1,452.7	-71.5	-49.0	-92.7	-15.4	-236.2	-53.1	-85.3	-35.6	-22.3	-196.4	-116.7	-110.9
Share count (FD) Mn	618.0	691.2	730.8	754.4	794.2	742.6	831.9	831.9	903.3	903.3	867.6	903.3	903.3
EPS	-2.35	-0.10	-0.07	-0.12	-0.02	-0.32	-0.06	-0.10	-0.04	-0.02	-0.23	-0.13	-0.12
consensus									-0.03	-0.01	-0.12	-0.07	na
BS & CF highlights													
Operating cash flow	8	-16	-30	-15	31	-31	-35	-41	-3	-37	-116	2	1
(-) Capex	-21	-4	-6	-10	-10	-29	-7	-5	-5	-5	-23	-17	-14
Free cash flow	-13	-20	-36	-25	21	-60	-42	-46	-9	-42	-139	-15	-12
Ending net cash (debt)	-131	-86	-193	-177	-61	-61	-42	-53	-62	-104	-104	-118	-130
Net debt/Sales	-0.2x	-0.1x	-0.2x	-0.2x	-0.1x	-0.1x	-0.1x	-0.1x	-0.1x	-0.1x	-0.1x	-0.1x	-0.1x
Net debt/EBITDA	-2.2x	-2.0x	-4.8x	-4.4x	-0.5x	-1.0x	-1.1x	-1.5x	-1.1x	-1.0x	-1.8x	-1.4x	-1.4x
Equity	3,316	3,379	3,368	3,359	3,453	3,453	3,478	3,473	3,437	3,415	3,415	3,298	3,187



Exhibit 2: Divisional Split

	May	Aug	Nov	Feb	May	May	Aug	Nov	Feb	May	May	May	May
	FY23	1Q24	2Q24	3Q24	4Q24	FY24	1Q25	2Q25	3Q25e	4Q25e	FY25e	FY26e	FY27e
US\$Mn													
Total net sales	627.1	176.9	193.8	188.3	229.9	788.9	200.0	211.0	211.6	255.4	878.0	934.9	987.3
cannabis	220.4	70.3	67.1	63.4	71.9	272.8	61.2	65.7	64.2	66.7	257.8	290.8	328.4
beverage alcohol	95.1	24.2	46.5	54.7	76.7	202.1	56.0	63.1	64.6	102.1	285.7	300.1	304.7
pharma distribution	258.8	69.2	67.2	56.8	65.6	258.7	68.1	67.6	68.2	69.5	273.3	277.4	281.6
hemp food	52.8	13.3	12.9	13.4	15.7	55.3	14.8	14.6	14.6	17.1	61.1	66.6	72.5
Gross Profits	147.0	44.2	47.4	49.4	79.8	220.8	59.7	61.2	62.8	90.9	274.6	307.6	339.3
cannabis	57.7	19.8	20.6	20.9	26.3	87.7	24.2	23.2	23.1	25.4	95.8	111.1	128.7
beverage alcohol	46.3	12.9	16.0	18.9	40.8	88.6	22.9	25.2	27.1	52.1	127.3	140.5	152.3
pharma distribution	27.5	7.7	7.1	5.6	7.8	28.1	7.9	8.4	8.2	8.3	32.9	36.1	36.6
hemp food	15.5	3.8	3.7	4.1	4.9	16.4	4.7	4.5	4.4	5.1	18.6	20.0	21.8
Mix of Gross Profits	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
cannabis	39%	45%	44%	42%	33%	40%	41%	38%	37%	28%	35%	36%	38%
beverage alcohol	32%	29%	34%	38%	51%	40%	38%	41%	43%	57%	46%	46%	45%
pharma distribution	19%	17%	15%	11%	10%	13%	13%	14%	13%	9%	12%	12%	11%
hemp food	11%	9%	8%	8%	6%	7%	8%	7%	7%	6%	7%	6%	6%



Exhibit 3: Cannabis Projections

	May	Aug	Nov	Feb	May	May	Aug	Nov	Feb	May	May	May	May
	FY23	1Q24	2Q24	3Q24	4024	FY24	1Q25	2Q25	3Q25e	4Q25e	FY25e	FY26e	FY27e
US\$Mn													
Total net sales	220.4	70.3	67.1	63.4	71.9	272.8	61.2	65.7	64.2	66.7	257.8	290.8	328.4
Canadian rec	152.9	45.3	45.2	40.9	40.0	171.5	37.9	38.2	36.1	36.6	148.8	159.9	178.1
Canadian med	22.5	5.5	5.7	5.7	5.8	22.7	5.6	6.0	5.8	5.8	23.2	23.0	23.0
Canadian bulk	1.4	5.3	4.3	2.8	13.0	25.3	5.5	6.6	6.3	6.3	24.7	26.9	28.6
International	43.6	14.3	11.9	14.0	13.1	53.3	12.2	14.9	16.0	18.0	61.1	81.0	98.7
YoY ch %	-7%	20%	35%	33%	12%	24%	-13%	-2%	1%	-7%	-5%	13%	13%
Canadian rec	3%	8%	25%	27%	-6%	12%	-16%	-16%	-12%	-9%	-13%	7%	11%
Canadian med	-18%	-6%	-1%	5%	6%	1%	2%	6%	1%	0%	2%	-1%	0%
Canadian bulk	-79%	1251%	1717%	4666%	1632%	1665%	4%	54%	128%	-51%	-2%	9%	6%
International	-19%	37%	55%	44%	-17%	22%	-14%	25%	14%	37%	15%	33%	22%
Mix %	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Canadian rec	69%	64%	67%	65%	56%	63%	62%	58%	56%	55%	58%	55%	54%
Canadian med	10%	8%	8%	9%	8%	8%	9%	9%	9%	9%	9%	8%	7%
Canadian bulk	1%	8%	6%	4%	18%	9%	9%	10%	10%	9%	10%	9%	9%
International	20%	20%	18%	22%	18%	20%	20%	23%	25%	27%	24%	28%	30%



Exhibit 4: Canadian Cannabis Rec Market Assumptions

Mn	2019	2020	2021	2022	2023	1Q24e	2Q24e	3Q24e	4Q24e	2024e	2025e	2026e	2027e
Our projections													
Rec (US\$)	926	1,955	3,092	3,470	3,826	887	919	1,012	996	3,814	3,911	4,068	4,205
Rec (C\$)	1,188	2,620	3,875	4,518	5,163	1,196	1,258	1,380	1,381	5,214	5,423	5,640	5,865
yoy ch %	679%	121%	48%	17%	14%	1%	-1%	0%	4%	1%	4%	4%	4%
gog ch %	na	na	na	na	na	-10%	5%	10%	0%	na	na	na	na
dod on he	114				114	10,0	3,4	10,4	0,4	110			
	Nov	Nov	Nov	Nov	Nov	Feb	May	Aug	Nov	Nov	Nov	Nov	Nov
Rec (C\$)	1,097	2,470	3,819	4,448	5,140	1,237	1,231	1,355	1,380	5,203	5,417	5,634	5,935
yoy ch %	-,	125%	55%	16%	16%	4%	-2%	-1%	4%	1%	4%	4%	5%
gog ch %	na	na	na	na	na	-7%	-1%	10%	2%	na	na	na	na
4-4													
Sales by province	1,188	2,620	3,875	4,518	5,163	1,196	1,258	1,380	1,381	5,214	5,423	5,640	5,865
Ontario	254	722	1,423	1,803	2,125	457	477	533					
Alberta	286	575	717	797	894	223	223	242					
British Columbia	255	370	551	670	797	175	188	212					
Quebec	97	496	601	586	623	160	183	185					
Rest	296	457	583	662	723	180	310	149					
YoY ch %		121%	48%	17%	14%	1%	-1%	1%					
Ontario		184%	97%	27%	18%	-6%	-9%	-75%					
Alberta		101%	25%	11%	12%	8%	0%	-73%					
British Columbia		45%	49%	21%	19%	-3%	-6%	-73%					
Quebec		412%	21%	-2%	6%	10%	18%	-70%					
Rest		54%	28%	14%	9%	10%	77%	-79%					
QoQ ch %		na	na	na	na	-10%	5%	10%					

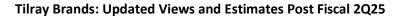




Exhibit 5: Cash Flow

	May	Aug	Nov	Feb	May	May	Aug	Nov	Feb	May	May	May	May
SUMMARY CASH FLOW	FY23	1Q24	2Q24	3Q24	4Q24	FY24	1Q25	2Q25	3Q25e	4Q25e	FY25e	FY26e	FY27e
US\$ 000s													
Net earnings	-1,443,000	-55,863	-46,183	-104,983	-15,375	-222,404	-34,652	-85,275	-35,598	-22,346	-177,871	-116,689	-110,914
(+) D&A	130,149	30,789	31,552	32,842	31,730	126,913	31,814	34,050	32,927	29,041	127,832	126,615	127,685
Cash earnings	-1,312,851	-25,074	-14,631	-72,141	16,355	-95,491	-2,838	-51,225	-2,672	6,695	-50,039	9,926	16,771
(-) Working capital changes	14,400	5,571	-13,059	-21,397	18,736	-10,149	-36,767	-18,285	-637	-43,626	-99,316	-7,607	-15,286
(-) Other operating flows	1,306,357	3,661	-2,719	78,177	-4,384	74,735	4,298	28,786	0	0	33,084	0	0
Net cash used in operating activities	7,906	-15,842	-30,409	-15,361	30,707	-30,905	-35,307	-40,724	-3,309	-36,931	-116,271	2,318	1,485
(-) net capex	-20,800	-4,152	-5,859	-9,528	-9,710	-29,249	-6,736	-5,436	-5,290	-5,108	-22,569	-16,828	-13,822
Free cash flow	-12,894	-19,994	-36,268	-24,889	20,997	-60,154	-42,043	-46,160	-8,598	-42,039	-138,840	-14,510	-12,336
(-) acquisitions	-26,718	22,956	-83,582	0	0	-60,626	0	-18,210	0	0	-18,210	0	0
(-) divestitures	4,304	342	23	801	7,343	8,509	28	603	0	0	631	0	0
(+) other	-35,663	41,480	13,290	39,976	78,867	173,613	-5,244	7,845	0	0	2,601	0	0
(+) share issuance	129,593	0	0	0	8,619	8,619	66,472	45,045	0	0	111,517	0	0
(+) share repurchase	-1,189	0	0	0	0	0	0	0	0	0	0	0	0
(-) stock options/warrants	0	0	0	0	0	0	0	0	0	0	0	0	0
Change in net	58,622	44,784	-106,537	15,888	115,826	69,961	19,213	-10,877	-8,598	-42,039	-42,301	-14,510	-12,336
Ending net (debt)	-131,243	-86,459	-192,996	-177,108	-61,282	-61,282	-42,069	-52,946	-61,544	-103,583	-103,583	-118,093	-130,429
Cash/inv/sec	448,529	466,465	261,367	225,858	260,522	260,522	280,055	252,249	230,948	192,197	192,197	178,260	167,076
Gross debts/loans/bonds	579,772	552,924	454,363	402,966	321,804	321,804	322,124	305,195	292,492	295,780	295,780	296,353	297,505



Appendix II: Valuation Comps



Exhibit 6: Canadian LPs Valuation Multiples

								<u>Financial</u>	Net Debt	. (Į.	roadly Def	ined Net Deb	<u>t</u>
Multiples	Z&A	Spot EV / S	<u>ales</u>	<u> Z&A</u>	Spot EV / EE	HTDA .	<u>Sale</u>	es	<u>EBI</u>	IDA .	<u>Sal</u>	es	<u>ebn</u>	DA
10-Jan-25	Current	2024	2025	Current	2024	2025	Current	CY24	Current	CY24	Current	CY24	Current	CY24
Aurora Cannabis	1.2x	1.2x	1.1x	9.4x	11.6x	8.1x	na	na	na	na	0.0x	na	-0.4x	na
Auxly Cannabis Group	0.5x	na	na	2.8x	na	na	-0.4x	na	-2.0x	na	-0.5x	na	-2.8x	na
Avant Brads	0.6x	na	na	2.0x	na	na	-0.1x	na	-0.4x	na	-0.4x	na	-1.2x	na
BZAM	0.3x	na	na	3.4x	na	na	-0.2x	na	-2.4x	na	-0.3x	na	-3.4x	na
Cannara Biotech	0.9x	na	na	6.6x	na	na	0.0x	na	0.0x	na	0.0x	na	0.0x	na
Canopy Growth	3.1x	2.8x	2.6x	-36.6x	-46.8x	381.3x	-1.3x	-1.2x	15.3x	19.5x	-1.3x	-1.2x	15.3x	19.5x
Cronos Group	-2.8x	-2.5x	-2.1x	7.1x	9.2x	-345.9x	na	na	na	na	7.8x	6.9x	-19.7x	-25.6x
Decibel Cannabis	0.9x	0.8x	0.6x	4.8x	4.5x	3.2x	-0.4x	-0.4x	-2.1x	-2.0x	-0.4x	-0.4x	-2.1x	-1.9x
Organigram Holdinsg	1.0x	na	na	-83.7x	na	na	na	na	na	na	1.1x	na	-95.7x	na
Rubicon Organics	0.5x	na	na	7.3x	na	na	0.0x	na	-0.4x	na	0.0x	na	-0.4x	na
SNDL	0.6x	0.6x	0.6x	14.4x	383.8x	na	na	na	na	na	0.2x	0.2x	4.4x	118.3x
Tilray Brands	1.5x	1.4x	1.3x	8.8x	18.5x	13.8x	-0.1x	-0.1x	-0.4x	-0.8x	-0.1x	-0.1x	-0.8x	-1.7x
Village Farms International	0.3x	0.3x	0.3x	1.1x	10.5x	4.4x	-0.1x	-0.1x	-0.2x	-2.2x	-0.1x	-0.1x	-0.2x	-2.3x

¹⁾ We take FactSet consensus estimates for CY24e and CY25e multiples; 2) By "current", we mean the latest reported qtr annualized



Exhibit 7: Canadian LPs EV Calculations

C\$Mn 10-Jan-25	FactSet Spot EV	Z&A Spot EV	C\$ price	mn shares	mn deriv	Total Mkt Cap	Financial net debt	Net leases	ST income tax liab.	Conting Cons.	ITM deriv	Total BDND	Pref Stock Min Int
Aurora Cannabis	298	382	5.81	54.9	1.2	326	27	-43		0		-16	40
Auxly Cannabis Group	181	58	0.05	0.0	0.0	0	-41	-15		-2		-58	
Avant Brads	213	22	0.79	10.5	0.3	9	-5	-8				-13	
BZAM	112	45	0.00	180.8	0.2	0	-31	-14				-45	
Cannara Biotech	85	73	0.81	90.0	0.0	73	0	0	0			0	
Canopy Growth	na	773	3.38	131.6	1.5	450	-323					-323	
Cronos Group	-103	-426	2.75	271.8	6.3	765	1,193	-2				1,191	
Decibel Cannabis	67	76	0.07	576.7	16.3	43	-34	0				-33	
Organigram Holdinsg	155	155	2.19	133.6	17.7	332	177		0			177	
Rubicon Organics	27	25	0.39	56.2	4.3	24	-1	0				-1	
SNDL	429	555	2.59	264.3	16.2	726	209	-38				171	
Tilray Brands	1,655	1,793	1.72	903.3	26.1	1,595	-74	-68		-21		-163	35
Village Farms International	141	127	1.07	79.4		85	-26	-1				-27	15
-											'		1



Exhibit 8: US MSO Valuation Multiples

								Financial I	Net Debt			Broadly Defin	ed Net De	<u>bt</u>
US\$Mn	Z8.4	Spot EV / So	ales	Z&A	Spot EV / EE	HTDA	Se	iles	EB	ITDA	<u>Si</u>	iles	EB	ITDA
10-Jan-25	Current	CY24e	CY25e	Current	CY24e	CY25e	CY24	Current	CY24	Current	CY24	Current	CY24	Current
US MSOs	1.5x	1.4x	1.2x	6.8x	6.3x	5.2x								
Ascend Wellness	1.1x	1.1x	1.0x	6.0x	5.5x	5.0x	-0.4x	-0.4x	-2.2x	-2.4x	-0.9x	-0.9x	-4.6x	-5.1x
Ayr Wellness	0.8x	0.8x	0.8x	3.6x	3.5x	3.3x	-0.8x	-0.8x	-3.4x	-3.4x	-0.7x	-0.7x	-2.9x	-2.9x
Cannabist Co	0.9x	0.9x	0.9x	7.0x	6.8x	5.2x	-0.6x	-0.6x	-4.4x	-4.5x	-0.8x	-0.8x	-6.2x	-6.4x
Cansortium	1.1x	1.1x	na	4.0x	4.0x	na	na	na	na	na	na	na	na	na
Cresco Labs	1.4x	1.4x	1.4x	4.8x	4.9x	5.1x	-0.5x	-0.5x	-1.8x	-1.8x	-0.8x	-0.8x	-2.8x	-2.7x
Curaleaf	1.8x	1.8x	1.6x	7.8x	7.8x	6.5x	-0.5x	-0.5x	-2.3x	-2.3x	-0.9x	-0.9x	-3.8x	-3.8x
4Front Ventures	1.9x	1.9x	na	7.0x	7.0x	na	na	-1.0x	na	-3.8x	na	-1.7x	na	-6.5x
Glass House	2.4x	3.2x	na	7.6x	17.8x	na	-0.1x	na	-0.7x	na	-0.3x	-0.2x	-1.8x	-0.8x
Gold Flora	1.0x	1.0x	0.8x	11.7x	54.3x	7.3x	na	-0.3x	na	na	na	-0.9x	na	na
Goodness Growth	2.2x	2.2x	na	-125.1x	9.0x	na	-0.5x	-0.5x	-2.1x	29.1x	-0.9x	-0.9x	-3.7x	51.1x
Green Thumb	1.7x	1.7x	1.6x	5.4x	5.3x	5.4x	-0.1x	-0.1x	-0.2x	-0.2x	-0.1x	-0.1x	-0.4x	-0.4x
Grown Rogue	3.3x	3.3x	na	4.5x	4.5x	na	na	na	na	na	na	na	na	na
iAnthus	1.2x	1.2x	na	9.4x	9.4x	na	na	-1.0x	na	-7.3x	na	-1.0x	na	-7.5x
Jushi	1.5x	1.4x	1.3x	8.8x	7.3x	6.1x	-0.6x	-0.7x	-3.3x	-4.0x	-1.2x	-1.2x	-6.1x	-7.4x
MariMed	0.9x	0.9x	0.8x	7.9x	7.5x	4.6x	-0.4x	-0.4x	-3.3x	-3.5x	-0.5x	-0.5x	-4.2x	-4.5x
Planet 13	1.0x	1.1x	na	24.6x	26.9x	na	0.2x	0.1x	4.0x	3.7x	-0.1x	-0.1x	-1.7x	-1.5x
Schwazze	1.1x	1.1x	na	7.8x	5.2x	na	-0.9x	-0.9x	-4.2x	na	-1.1x	-1.1x	-5.2x	na
TerrAscend	1.7x	1.7x	1.7x	9.4x	8.8x	8.4x	-0.6x	-0.6x	-2.9x	-3.1x	-1.0x	-1.0x	-5.3x	-5.7x
TILT	1.0x	0.9x	1.0x	-17.6x	-17.6x	87.3x	-0.5x	-0.6x	13.0x	9.9x	-0.9x	-1.0x	22.7x	17.3x
Trulieve	1.4x	1.4x	1.3x	4.3x	4.1x	4.1x	-0.3x	-0.3x	-0.7x	-0.8x	-0.6x	-0.6x	-1.8x	-1.8x
Verano	1.2x	1.2x	1.2x	4.2x	4.1x	3.9x	-0.4x	-0.4x	-1.3x	-1.4x	-0.7x	-0.8x	-2.5x	-2.5x
Vext	1.8x	1.8x	na	5.5x	7.2x	na	-0.9x	-0.9x	-3.6x	-2.8x	-0.9x	-0.9x	-3.6x	-2.7x

¹⁾ We take FactSet consensus estimates for CY24e and CY25e multiples; 2) By "current", we mean the latest reported qtr annualized



Exhibit 9: US MSOs EV Calculations

US\$Mn	FactSet	Z&A	US\$	mn	mn	Total	Financial	Net	Income	Conting	ITM deriv	Total	Pref Stock
10-Jan-25	Spot EV	Spot EV	price	shares	deriv	Mkt Cap	net debt	leases	tax liab.	Cons.	inflow	BDND	Min Int
US MSOs													
Ascend Wellness	588	608	0.42	214.5	13.3	96	-241	-134	→137			-512	
Ayr Wellness	615	378	0.46	114.0	31.1	67	-359	4	-11	0	55	-311	
Cannabist Co	542	415	0.07	472.7	8.2	35	-269	-26	-86			-380	
Cansortium	140	123	0.09	304.9	5.6	27	-59	-9	-29			-97	
Cresco Labs	879	989	0.95	441.0	8.9	428	-365	-56	-130	-10		-561	
Curaleaf	1,926	2,358	1.44	743.8	11.2	1,086	-678	-24	-389	-56		-1,146	126
4Front Ventures	231	145	0.01	915.2	3.8	11	-79	-8	-40	-6	0	-134	
Glass House	401	623	5.79	81.0	3.5	489	-25	0	-4	-32		-61	72
Gold Flora	130	130	0.03	287.7	0.1	7	-40	-34	-44	-4		-123	
Goodness Growth	125	218	0.55	230.3	4.1	129	-51	-10	-29			-89	
Green Thumb	1,947	1,932	7.33	236.2	9.3	1,799	-82	-28	-23	0	0	-133	
Grown Rogue	75	89	0.63	143.5		90	5	-2	-2			1	
iAnthus	39	200	0.01	6,615.3		39	-156	-5				-161	
Jushi	328	363	0.30	196.7	0.0	58	-165	-1	-139			-305	
MariMed	128	148	0.12	381.3	6.7	45	-66	-1	-17			-83	19
Planet 13	92	128	0.37	325.2	0.3	120	19	-7	-16	-5		-8	
Schwazze	173	187	0.01	80.2		1	-151	-2	-33	0		-186	
TerrAscend	394	517	0.58	355.8	3.1	206	-172	-5	-128	-4		-310	
TILT	108	111	0.01	390.6	4.4	2	-62	-44	-2			-108	
Trulieve	1,004	1,636	4.89	186.0	3.3	926	-300	-21	-384	-5		-710	
Verano	770	1,077	1.17	356.9	8.6	427	-355	-6	-285	-4		-651	
Vext	47	63	0.13	245.5	3.4	32	-32	1				-31	



Exhibit 10: Stock Performance

10-Jan-25	Stock Performance				
	Last	Last	Last		
Ticker	30d	90d	12mo		
US MSOs					
Ascend	-10%	-46%	-65%		
Ayr	-16%	-75%	-79%		
Cannabist	-22%	-64%	-85%		
Cansortium	-4%	-48%	-10%		
Cresco	-12%	-42%	-45%		
Curaleaf	-19%	-51%	-67%		
4Front	-45%	-77%	-89%		
GlassHouse	-12%	-34%	12%		
Gold Flora	-22%	-69%	-88%		
Vireo Growth	67%	17%	117%		
Grown Rogue	-9%	-10%	102%		
Green Thumb	-14%	-29%	-35%		
iAnthus	-22%	-44%	-77%		
Jushi	-10%	-41%	-49%		
MariMed	-10%	-21%	-59%		
Planet13	-3%	-35%	-53%		
Schwazze	-90%	-91%	-99%		
StateHouse	na	na	-50%		
Trulieve	-9%	-58%	-17%		
TerrAscend	-24%	-51%	-68%		
Vext	-11%	-14%	-42%		
Verano	-18%	-63%	-76%		

	Sto	Stock Performance			
	Last	Last	Last		
Ticker	30d	90d	12mo		
Canadian LPs					
Aurora	-8%	-23%	-11%		
Avant	37%	-26%	-83%		
Auxly	30%	28%	180%		
Cannara	13%	33%	-5%		
Canopy	-34%	-40%	-48%		
Cronos	-3%	-7%	-6%		
Decibel	8%	28%	-52%		
Entourage	-33%	-37%	-40%		
High Tide	-13%	38%	79%		
Nova	MN/A	MN/A	MN/A		
OGI	-1%	-6%	14%		
Rubicon	1%	-9%	-26%		
SNDL	-3%	-4%	17%		
Tilray	-7%	-23%	-42%		
VFF	-4%	-13%	-4%		
CBD					
CVSI	-5%	-22%	-4%		
CWEB	5%	-6%	-40%		
LFID	-13%	-44%	-78%		
International					
InterCure	18%	-22%	-4%		
PharmaCielo	-32%	32%	117%		

	Stock Performance					
KK	Last	Last	Last			
Ticker	30d	90d	12mo			
MJ Fincos						
AFCG	-13%	-14%	-30%			
CNPOF	-20%	-42%	-10%			
IIPR	-41%	-51%	-32%			
NLCP	-12%	-12%	2%			
SHFS	-11%	-24%	-74%			
LIEN	-10%	-11%	36%			
REFI	-7%	-3%	-4%			
Tech						
LFLY	18%	-21%	-68%			
SBIG	-6%	-11%	-37%			
MAPS	1%	60%	62%			
Vape parts						
GNLN	-6%	-65%	-74%			
ISPR	-23%	-30%	-61%			
SMORF	-7%	8%	83%			
TLLTF	-37%	-52%	-78%			
Index						
S&P 500	-4%	1%	22%			
S&P 477	-6%	-4%	8%			
Nasdaq	-5%	5%	34%			
MSOS ETF	-15%	-49%	-53%			
YOLO ETF	-9%	-24%	-27%			

Source: FactSet



Appendix III: Bio and Disclaimers



Analyst Bio

Pablo Zuanic is a well-known and highly rated equity analyst following the broader cannabinoids (THC cannabis, hemp derivatives, CBD) and consumer sectors. Over the past six years he has launched coverage of over 40 companies in the US, Canada, and overseas; plant-touching as well as service providers (tech; finance); and has also worked with several private companies. He follows closely the reform process in the US, Canada, Germany, Australia, and elsewhere, and relies on a fundamental and data-driven approach to keep track of sectoral trends. His firm Zuanic & Associates publishes equity research, both from a macro/sectoral level in a thematic manner, as well as on listed stocks. The research service is aimed at institutional investors, corporations, and regulators. The firm is also available for short-term consulting and research advisory projects. Approaching the third year since its inception, the firm has collaborated with over 25 companies (in North America and overseas; plant touching and service providers; public and private), both on an on-going basis as well for specific projects. At various points in his career, Pablo Zuanic was ranked in the Institutional Investor magazine surveys, and called as expert witness in industry investigations. He has a deep global background having covered stocks over the past 20 years in the US, Europe, Latin America, and Asia, across consumer sub sectors. Prior employers include JP Morgan, Barings, and Cantor Fitzgerald. An MBA graduate of Harvard Business School, he started his career as a management consultant, which brings a strategic mindset to his approach to equity research. He can be contacted via the company's portal www.zuanicassociates.com; via email at pablo.zuanicg@zuanicgroup.com; or via X @4200dysseus.



Disclosures and Disclaimers

About the firm: Zuanic & Associates is a domestic limited liability company (LLC) registered in the state of New Jersey. The company's registered address is Five Greentree Centre, 525 Route 73, N Suite 104, Marlton, New Jersey 08053, USA. Pablo Zuanic is the registered agent. The firm publishes equity research on selected stocks in the cannabis and psychedelics sector, as well as thematic macro industry notes. The firm also provides consulting, research, and advisory services. Potential conflicts of interest are duly reflected in the respective specific company reports.

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