

HOLD (From: BUY)

Change in Recommendation

TP: Bt 56.00

Upside: 6.7%

(Unchanged)

7 DECEMBER 2021

Small Cap Research

Mega Lifesciences Pcl (MEGA TB)

Limited upside

We downgrade MEGA to HOLD after the 47% YTD run-up in its share price toward our TP of Bt56. We believe the stock is now fairly priced trading at its historical average PE of 22x against 8% 2022F EPS growth from a high base.

**PATTADOL BUNNAK**

662 – 483 8298

pattadol.bun@thanachartsec.co.th

Downgrading to HOLD

We downgrade MEGA to HOLD (from Buy) with the same DCF-based 12-month TP, using a 2022F base year, of Bt56. *First*, after the 47% YTD surge in its share price, we believe MEGA is fairly valued at its historical PE of 22x. *Second*, we estimate only 8% EPS growth in 2022F from its already high earnings base of 33% growth this year. *Third*, the stock isn't a Sell in our view as we still expect 4Q21F earnings momentum to come in strong and we continue to like MEGA's strong fundamentals, growth-mindset management team and its robust business position in the markets it is exposed to.

Likely a strong 4Q21F

MEGA reported record-high 3Q21 results of Bt535m, up 39% y-y and 14% q-q despite facing COVID challenges in its main markets of Thailand, Myanmar, Cambodia and Vietnam. MEGA so far in 4Q21 is still experiencing good business momentum across these markets thanks to COVID lockdowns being eased. We estimate its 4Q21F earnings to come in at Bt546m, up 33% y-y and 3% q-q. Giving the stronger-than-expected 3Q21 results, we raise our earnings projections by 6/2% in 2021-22F.

A high base challenge next year

MEGA has been a beneficiary of the COVID pandemic as shown by its earnings growth of 16% in 2020 and 33% in 2021F. Its average six-year EPS growth to 2019 was only 15% p.a. and the average three-year number was 12% p.a. As we expect the COVID crisis to subside next year and given the high base this year, we are comfortable with our 8% EPS growth estimate for 2022F. We believe the health-consciousness trend will continue but people's extra caution and drug and necessity item stocking behavior may subside. However, we do not expect sales to decline as demand should remain resilient for key medicines for diabetes, bone and heart diseases. Note that the strong growth this year has also exceeded MEGA's expectation and it sees double-digit EPS growth in 2022F as a challenge.

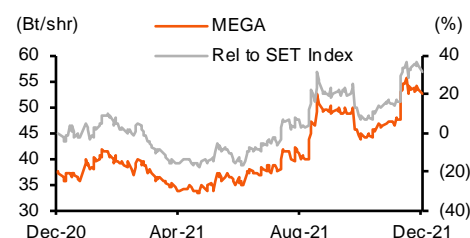
New drug line-up

MEGA has been launching new products in 4Q21 and it plans to launch more than 10 additional ones in 2022F. They comprise both replacement drugs and food supplements (e.g., new versions of vitamins) and new products (e.g., hemp-based supplements and green chiretta). MEGA is confident that the new products will be a success given the ongoing health-consciousness trend. MEGA also has around 100 more products waiting for Food and Drug Administration (FDA) approval and it plans to launch them in 2023-24. They are likely to contribute for 3-4% of sales growth p.a and have already factored this into our numbers.

COMPANY VALUATION

Y/E Dec (Bt m)	2020A	2021F	2022F	2023F
Sales	12,589	14,862	15,988	17,011
Net profit	1,393	1,885	2,037	2,215
Consensus NP	—	1,900	1,932	2,201
Diff frm cons (%)	—	(0.8)	5.4	0.7
Norm profit	1,416	1,885	2,037	2,215
Prev. Norm profit	—	1,772	2,003	2,214
Chg frm prev (%)	—	6.3	1.7	0.1
Norm EPS (Bt)	1.6	2.2	2.3	2.5
Norm EPS grw (%)	16.3	33.1	8.1	8.7
Norm PE (x)	32.3	24.3	22.5	20.7
EV/EBITDA (x)	23.2	18.0	16.4	14.9
P/BV (x)	6.6	5.8	5.2	4.7
Div yield (%)	1.7	2.3	2.7	3.1
ROE (%)	21.6	25.3	24.3	23.9
Net D/E (%)	(10.3)	(12.4)	(17.6)	(24.4)

PRICE PERFORMANCE

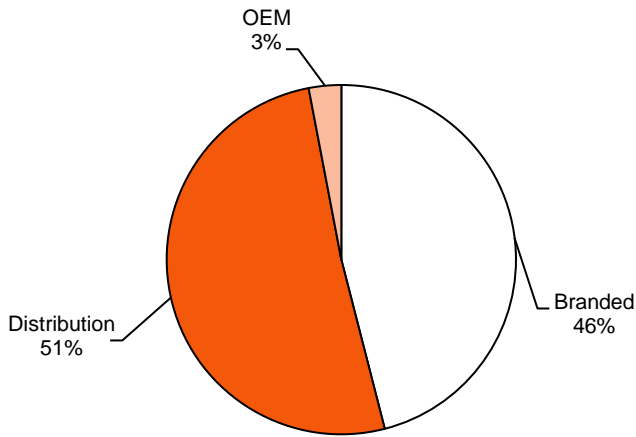


COMPANY INFORMATION

Price as of 7-Dec-21(Bt)	52.50
Market Cap (US\$ m)	1,358.7
Listed Shares (m shares)	871.9
Free Float (%)	38.93
Avg Daily Turnover (US\$ m)	9.31
12M Price H/L (Bt)	55.50/33.25
Sector	Commerce
Major Shareholder	Shah Family 50.1%

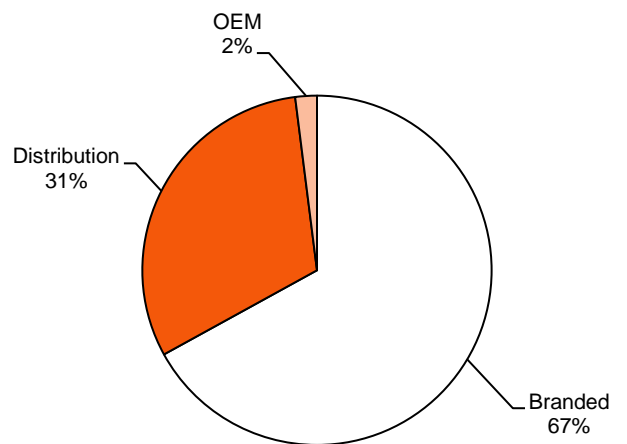
Sources: Bloomberg, Company data, Thanachart estimates

Ex 1: Sales Breakdown



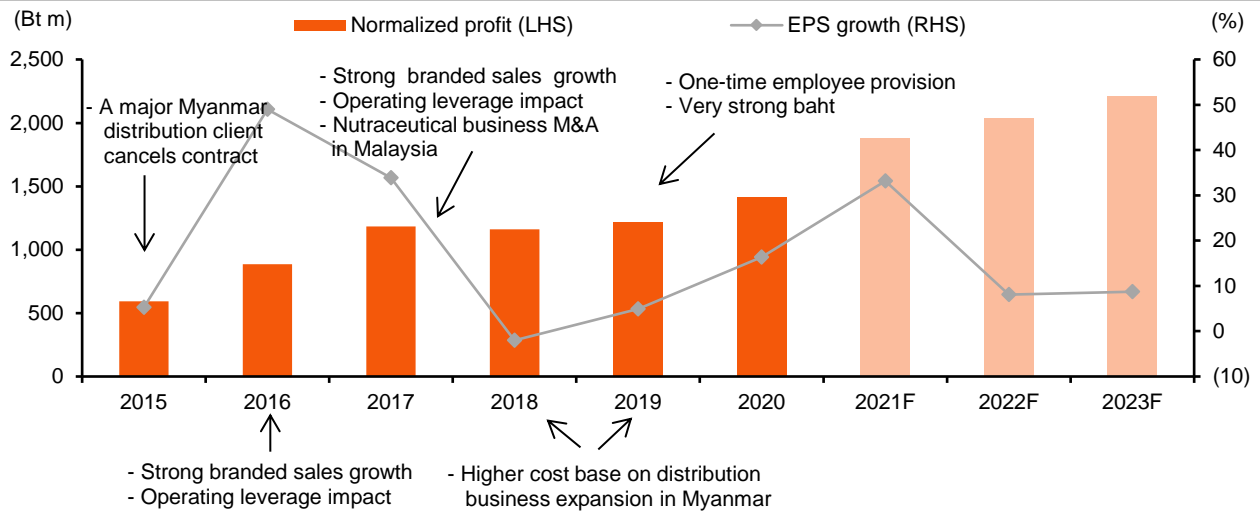
Source: Company data

Ex 2: EBIT Breakdown



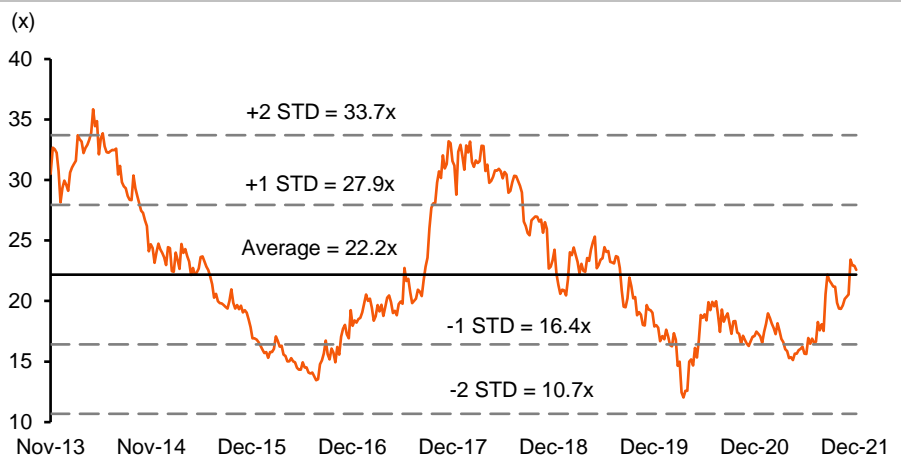
Sources: Company data; Thanachart estimates

Ex 3: Slower Growth After A High Base



Sources: Company data, Thanachart estimates

Ex 4: Already At The Average PE



Sources: Bloomberg, Thanachart estimates

Ex 5: Assumption Adjustment

	2019	2020	2021F	2022F	2023F
Sales					
New	11,130	12,589	14,862	15,988	17,011
Old			14,624	15,853	17,086
Change (%)			1.6	0.8	(0.4)
% Gross margin					
New	41.1	39.6	42.1	42.3	42.4
Old			39.3	39.7	39.8
Change (pp)			2.8	2.6	2.6
% SG&A to sales					
New	28.5	26.2	27.0	27.1	26.9
Old			24.8	24.6	24.4
Change (pp)			2.2	2.5	2.5
Normalized profit (Bt m)					
New	1,217	1,416	1,885	2,037	2,215
Old			1,772	2,003	2,214
Change (%)			6.3	1.7	0.1

Sources: Company data, Thanachart estimates

Ex 6: 12-month DCF-based TP Calculation Using A Base Year Of 2022F

(Bt m)	2022F	2023F	2024F	2025F	2026F	2027F	2028F	2029F	2030F	2031F	2032F	Terminal Value
EBITDA	2,700	2,919	3,143	3,644	4,089	4,599	5,185	5,720	6,441	7,218	7,979	—
Free cash flow	1,748	2,222	2,354	2,795	3,152	3,541	3,966	4,456	5,123	5,828	6,369	77,298
PV of free cash flow	1,743	1,855	1,796	1,948	1,964	2,007	2,044	2,089	2,185	2,262	2,143	26,008
Risk-free rate (%)	3.5											
Market risk premium (%)	8.0											
Beta	1.0											
WACC (%)	11.3											
Terminal growth (%)	2.0											
Enterprise value - add investments	48,045											
Net debt (end-2021F)	(982)											
Minority interest	16											
Equity value	49,010											
# of shares (m)	872											
Equity value/share (Bt)	56.0											

Sources: Company data, Thanachart estimates

Valuation Comparison

Ex 7: Valuation Comparison With Peers

Name	BBG code	Country	EPS growth		— PE —		— P/BV —		EV/EBITDA		— Div yield—	
			21F (%)	22F (%)	21F (x)	22F (x)	21F (x)	22F (x)	21F (x)	22F (x)	21F (%)	22F (%)
Bristol-Myers Squibb	BMY US	US	16.5	4.3	7.6	7.3	2.9	2.5	6.2	6.3	3.4	3.6
Eli Lilly & Co	LLY US	US	1.2	2.6	30.7	29.9	27.8	21.7	26.8	25.7	1.4	1.5
Johnson & Johnson	JNJ US	US	22.0	5.6	16.6	15.8	6.0	5.3	13.1	12.3	2.6	2.7
Merck & Co Inc	MRK US	US	(1.4)	23.6	12.5	10.1	6.0	4.9	10.2	8.4	3.5	3.8
Pfizer Inc	PFE US	US	90.1	11.0	12.2	11.0	3.8	2.9	9.9	7.3	3.0	3.1
Abbott Laboratories	ABT US	US	39.1	(6.6)	26.1	27.9	6.4	5.1	19.3	21.2	1.4	1.4
Astellas Pharma Inc	4503 JP	Japan	58.0	27.2	17.4	13.7	2.2	2.1	9.5	8.2	2.8	3.2
Chugai Pharmaceutical	4519 JP	Japan	34.3	0.4	20.7	20.6	5.2	4.5	13.5	13.5	1.9	2.1
Daiichi Sankyo Co Ltd	4568 JP	Japan	(14.6)	22.2	81.3	66.5	4.1	4.0	33.3	28.4	1.0	1.1
Eisai Co Ltd	4523 JP	Japan	39.8	(10.4)	33.5	37.4	2.7	2.7	16.5	16.3	2.4	2.4
Otsuka Holdings Co Ltd	4578 JP	Japan	6.8	0.3	14.2	14.2	1.1	1.1	7.4	6.9	2.4	2.5
Taisho Pharmaceutical	4581 JP	Japan	(16.5)	7.9	39.8	36.8	0.6	0.6	5.5	6.7	1.8	1.8
AstraZeneca	AZN LN	UK	28.6	30.4	21.1	16.2	4.7	4.7	17.2	12.3	2.6	2.7
GlaxoSmithKline	GSK LN	UK	(5.1)	6.0	14.2	13.4	5.3	4.9	11.6	10.1	5.1	3.5
Novartis AG	NOVN SW	Switzerland	10.3	5.8	12.8	12.1	3.0	2.8	10.4	11.0	4.1	4.2
Roche Holding AG	ROG SW	Switzerland	6.2	2.6	18.1	17.7	7.4	6.5	13.2	12.9	2.5	2.6
Blackmores Ltd	BKL AU	Australia	48.8	48.1	45.2	30.5	4.4	4.1	19.1	14.9	1.1	1.7
Novo Nordisk A/S	NOVOB DC	Denmark	14.7	12.2	34.8	31.0	23.4	20.3	25.2	22.3	1.4	1.6
Sanofi	SAN FP	France	10.8	12.2	13.1	11.7	1.6	1.5	9.8	9.0	3.9	4.1
Apex Healthcare	APEX MK	Malaysia	1.7	8.3	21.3	19.6	2.4	2.3	13.2	11.9	1.5	1.6
Kalbe Farma	KLBF IJ	Indonesia	11.8	9.4	24.9	22.7	4.0	3.6	16.0	14.6	1.9	2.1
Mega Lifesciences	MEGA TB*	Thailand	33.1	8.1	24.3	22.5	5.8	5.2	18.0	16.4	2.3	2.7
Average			19.8	10.5	24.7	22.2	5.9	5.2	14.8	13.5	2.5	2.5

Sources: Bloomberg, Thanachart estimates

Note: * Thanachart estimates, using normalized EPS

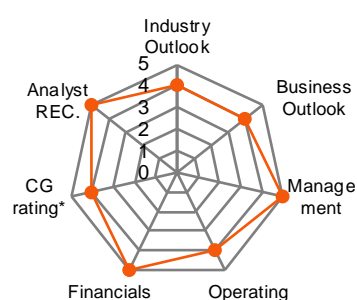
Based on 7-Dec-21 closing price

COMPANY DESCRIPTION

Mega Lifesciences PCL manufactures, markets and distributes nutritional and herbal supplement, OTC and ethical drugs. The company produces products that range from treating internal issues to overall general health. MEGA's operates in 33 countries globally.

Source: Thanachart

COMPANY RATING



Rating Scale

Excellent	5
Good	4
Fair	3
Weak	2
Very Weak	1
None	0

Source: Thanachart; *CG Rating

THANACHART'S SWOT ANALYSIS

S — Strength

- Products have strong brand recognition.
- Has its own distribution networks.
- Strong market knowledge and business connections.

O — Opportunity

- Growing business along with decent GDP growth in its main markets.
- Penetrating untapped developing and less developed markets.
- New customers for its distribution services.

W — Weakness

- No exposure to large-value pharmaceutical markets in developed countries.
- Not keen on big-molecules medicines which are popular and offer high margins.

T — Threat

- Global pharmaceutical players entering MEGA's markets.
- Distribution customers can terminate contracts.
- Strong baht trend against other currencies, especially the US dollar.

CONSENSUS COMPARISON

	Consensus	Thanachart	Diff
Target price (Bt)	55.72	56.00	0%
Net profit 21F (Bt m)	1,900	1,885	-1%
Net profit 22F (Bt m)	1,932	2,037	5%
Consensus REC	BUY: 9	HOLD: 2	SELL: 0

HOW ARE WE DIFFERENT FROM THE STREET?

- Our 2022F earnings forecast is higher than the Bloomberg consensus number, which we attribute to us having a more bullish view on the pharmaceutical industry's growth.

RISKS TO OUR INVESTMENT CASE

- Failure to receive drug-license approval for new pharmaceutical, nutraceutical and over-the-counter products would be the key downside risk to our call.
- Distribution clients terminating contracts represents a secondary downside risk.
- Unexpected OEM customer losses represent another downside risk.
- A stronger baht than our current expectation is another downside risk.
- The prolonged strength in health-conscious trend can be upside risk to our view.

Sources: Bloomberg consensus, Thanachart estimates

Source: Thanachart

INCOME STATEMENT

*Growth looks likely to
slowdown after a high
base*

FY ending Dec (Bt m)	2019A	2020A	2021F	2022F	2023F
Sales	11,130	12,589	14,862	15,988	17,011
Cost of sales	6,551	7,603	8,607	9,225	9,798
Gross profit	4,578	4,986	6,254	6,763	7,213
% gross margin	41.1%	39.6%	42.1%	42.3%	42.4%
Selling & administration expenses	3,176	3,299	4,006	4,336	4,580
Operating profit	1,402	1,687	2,248	2,426	2,632
% operating margin	12.6%	13.4%	15.1%	15.2%	15.5%
Depreciation & amortization	160	256	243	273	287
EBITDA	1,562	1,943	2,491	2,700	2,919
% EBITDA margin	14.0%	15.4%	16.8%	16.9%	17.2%
Non-operating income	34	24	34	37	39
Non-operating expenses	0	0	0	0	0
Interest expense	(65)	(72)	(72)	(76)	(85)
Pre-tax profit	1,371	1,638	2,210	2,387	2,586
Income tax	160	234	340	368	398
After-tax profit	1,211	1,404	1,870	2,019	2,188
% net margin	10.9%	11.2%	12.6%	12.6%	12.9%
Shares in affiliates' Earnings	6	7	10	13	22
Minority interests	(0)	4	5	5	5
Extraordinary items	(78)	(23)	0	0	0
NET PROFIT	1,139	1,393	1,885	2,037	2,215
Normalized profit	1,217	1,416	1,885	2,037	2,215
EPS (Bt)	1.3	1.6	2.2	2.3	2.5
Normalized EPS (Bt)	1.4	1.6	2.2	2.3	2.5

BALANCE SHEET

Plenty of cash on hand

FY ending Dec (Bt m)	2019A	2020A	2021F	2022F	2023F
ASSETS:					
Current assets:	7,230	7,620	8,531	9,388	10,699
Cash & cash equivalent	1,467	1,221	1,306	1,700	2,600
Account receivables	2,717	2,684	3,168	3,365	3,533
Inventories	2,856	3,475	3,773	4,019	4,242
Others	190	240	283	305	324
Investments & loans	241	194	244	294	344
Net fixed assets	1,771	1,951	2,358	2,434	2,247
Other assets	1,292	1,824	2,203	2,385	2,571
Total assets	10,533	11,590	13,336	14,501	15,862
LIABILITIES:					
Current liabilities:	4,158	4,262	4,697	4,870	5,257
Account payables	2,508	2,788	3,157	3,383	3,594
Bank overdraft & ST loans	888	499	325	149	235
Current LT debt	0	0	0	0	0
Others current liabilities	762	974	1,215	1,338	1,429
Total LT debt	0	0	0	0	0
Others LT liabilities	199	349	704	801	895
Total liabilities	4,358	4,611	5,401	5,671	6,152
Minority interest	0	21	16	16	11
Preferreds shares	0	0	0	0	0
Paid-up capital	436	436	436	436	436
Share premium	2,305	2,305	2,305	2,305	2,305
Warrants	2	2	2	2	2
Surplus	(609)	(536)	(536)	(536)	(536)
Retained earnings	4,041	4,752	5,713	6,608	7,492
Shareholders' equity	6,175	6,958	7,919	8,814	9,698
Liabilities & equity	10,533	11,590	13,336	14,501	15,862

Sources: Company data, Thanachart estimates

CASH FLOW STATEMENT

FY ending Dec (Bt m)	2019A	2020A	2021F	2022F	2023F
Earnings before tax	1,371	1,638	2,210	2,387	2,586
Tax paid	(116)	(183)	(334)	(343)	(392)
Depreciation & amortization	160	256	243	273	287
Chg In working capital	60	(305)	(415)	(215)	(181)
Chg In other CA & CL / minorities	111	150	201	95	88
Cash flow from operations	1,586	1,557	1,907	2,197	2,387
Capex	(505)	(437)	(650)	(350)	(100)
Right of use	0	(263)	(300)	(100)	(100)
ST loans & investments	0	0	0	0	0
LT loans & investments	221	46	(50)	(50)	(50)
Adj for asset revaluation	0	0	0	0	0
Chg In other assets & liabilities	63	(168)	277	15	8
Cash flow from investments	(220)	(822)	(723)	(485)	(242)
Debt financing	(150)	(371)	(175)	(175)	85
Capital increase	130	0	(0)	0	0
Dividends paid	(618)	(670)	(923)	(1,142)	(1,331)
Warrants & other surplus	(200)	60	0	0	0
Cash flow from financing	(838)	(981)	(1,098)	(1,317)	(1,246)
Free cash flow	1,081	1,120	1,257	1,847	2,287

Strong cash flows, based on our estimates

VALUATION

FY ending Dec	2019A	2020A	2021F	2022F	2023F
Normalized PE (x)	37.6	32.3	24.3	22.5	20.7
Normalized PE - at target price (x)	40.1	34.5	25.9	24.0	22.0
PE (x)	40.2	32.9	24.3	22.5	20.7
PE - at target price (x)	42.9	35.1	25.9	24.0	22.0
EV/EBITDA (x)	28.9	23.2	18.0	16.4	14.9
EV/EBITDA - at target price (x)	30.9	24.8	19.2	17.5	15.9
P/BV (x)	7.4	6.6	5.8	5.2	4.7
P/BV - at target price (x)	7.9	7.0	6.2	5.5	5.0
P/CFO (x)	28.9	29.4	24.0	20.8	19.2
Price/sales (x)	4.1	3.6	3.1	2.9	2.7
Dividend yield (%)	1.4	1.7	2.3	2.7	3.1
FCF Yield (%)	2.4	2.4	2.7	4.0	5.0
(Bt)					
Normalized EPS	1.4	1.6	2.2	2.3	2.5
EPS	1.3	1.6	2.2	2.3	2.5
DPS	0.7	0.9	1.2	1.4	1.7
BV/share	7.1	8.0	9.1	10.1	11.1
CFO/share	1.8	1.8	2.2	2.5	2.7
FCF/share	1.2	1.3	1.4	2.1	2.6

Sources: Company data, Thanachart estimates

FINANCIAL RATIOS

FY ending Dec	2019A	2020A	2021F	2022F	2023F
Growth Rate					
Sales (%)	9.3	13.1	18.0	7.6	6.4
Net profit (%)	(5.6)	22.3	35.3	8.1	8.7
EPS (%)	(5.9)	22.2	35.3	8.1	8.7
Normalized profit (%)	4.9	16.3	33.1	8.1	8.7
Normalized EPS (%)	4.5	16.3	33.1	8.1	8.7
Dividend payout ratio (%)	55.1	56.3	56.3	60.0	65.0
Operating performance					
Gross margin (%)	41.1	39.6	42.1	42.3	42.4
Operating margin (%)	12.6	13.4	15.1	15.2	15.5
EBITDA margin (%)	14.0	15.4	16.8	16.9	17.2
Net margin (%)	10.9	11.2	12.6	12.6	12.9
D/E (incl. minor) (x)	0.1	0.1	0.0	0.0	0.0
Net D/E (incl. minor) (x)	(0.1)	(0.1)	(0.1)	(0.2)	(0.2)
Interest coverage - EBIT (x)	21.5	23.3	31.2	31.7	31.0
Interest coverage - EBITDA (x)	24.0	26.9	34.5	35.3	34.3
ROA - using norm profit (%)	12.1	12.8	15.1	14.6	14.6
ROE - using norm profit (%)	20.5	21.6	25.3	24.3	23.9
DuPont					
ROE - using after tax profit (%)	20.4	21.4	25.1	24.1	23.6
- asset turnover (x)	1.1	1.1	1.2	1.1	1.1
- operating margin (%)	12.9	13.6	15.4	15.4	15.7
- leverage (x)	1.7	1.7	1.7	1.7	1.6
- interest burden (%)	95.5	95.8	96.8	96.9	96.8
- tax burden (%)	88.3	85.7	84.6	84.6	84.6
WACC (%)	9.4	9.4	9.4	9.4	9.4
ROIC (%)	21.6	25.8	30.5	29.6	30.7
NOPAT (Bt m)	1,238	1,446	1,902	2,053	2,227
invested capital (Bt m)	5,597	6,236	6,937	7,263	7,333

We expect ROIC to surpass WACC

Sources: Company data, Thanachart estimates

General Disclaimers And Disclosures:

This report is prepared and issued by Thanachart Securities Public Company Limited (TNS) as a resource only for clients of TNS, Thanachart Capital Public Company Limited (TCAP) and its group companies. Copyright © Thanachart Securities Public Company Limited. All rights reserved. The report may not be reproduced in whole or in part or delivered to other persons without our written consent.

This report is prepared by analysts who are employed by the research department of TNS. While the information is from sources believed to be reliable, neither the information nor the forecasts shall be taken as a representation or warranty for which TNS or TCAP or its group companies or any of their employees incur any responsibility. This report is provided to you for informational purposes only and it is not, and is not to be construed as, an offer or an invitation to make an offer to sell or buy any securities. Neither TNS, TCAP nor its group companies accept any liability whatsoever for any direct or consequential loss arising from any use of this report or its contents.

The information and opinions contained herein have been compiled or arrived at from sources believed reliable. However, TNS, TCAP and its group companies make no representation or warranty, express or implied, as to their accuracy or completeness. Expressions of opinion herein are subject to change without notice. The use of any information, forecasts and opinions contained in this report shall be at the sole discretion and risk of the user.

TNS, TCAP and its group companies perform and seek to perform business with companies covered in this report. TNS, TCAP, its group companies, their employees and directors may have positions and financial interest in securities mentioned in this report. TNS, TCAP or its group companies may from time to time perform investment banking or other services for, or solicit investment banking or other business from, any entity mentioned in this report. Therefore, investors should be aware of conflict of interest that may affect the objectivity of this report.

Note: Thanachart Securities Public Company Limited act as a Market Maker and Derivative Warrants Issuer. At present, TNS has issued 121 Derivative Warrants which are ACE16C2201A, ACE16C2202A, ADVA16C2201A, ADVA16C2202A, AEON16C2201A, AEON16C2201B, AMAT16C2112A, AOT16C2112A, AOT16C2202A, BAM16C2112A, BANP16C2112A, BANP16C2201A, BANP16C2202A, BBL16C2201A, BBL16C2203A, BCH16C2201A, BCH16C2203A, BEC16C2202A, BGRI16C2112A, CBG16C2201A, CBG16C2202A, CHG16C2112A, CHG16C2202A, COM716C2112A, COM716C2203A, CPAL16C2112A, CPAL16C2203A, CPF16C2112A, CPN16C2202A, DELT16C2112A, DELT16C2202A, DELT16C2203A, DOHO16C2112A, DOHO16C2202A, DTAC16C2112A, EA16C2201A, ESSO16C2202A, GLOB16C2201A, GLOB16C2203A, GPSC16C2201A, GPSC16C2201B, GPSC16C2203A, GULF16C2112A, GULF16C2202A, GUNK16C2112A, GUNK16C2201A, GUNK16C2203A, HANA16C2112A, HANA16C2202A, HMPR16C2202A, INTU16C2201A, INTU16C2202A, IRPC16C2112A, IVL16C2202A, JAS16C2202A, JMAR16C2201A, JMAR16C2202A, JMT16C2201A, JMT16C2203A, KBAN16C2201A, KBAN16C2202A, KCE16C2201A, KTC16C2112A, KTC16C2202A, LH16C2202A, MAJO16C2201A, MEGA16C2112A, MINT16C2112A, MINT16C2203A, MTC16C2112A, MTC16C2202A, OR16C2112A, OR16C2202A, OR16C2203A, PTG16C2201A, PTG16C2202A, PTG16C2203A, PTL16C2201A, PTL16C2202A, PTL16C2202B, PTT16C2112A, PTT16C2201A, PTT16C2203A, PTTE16C2112A, PTTE16C2203A, RBF16C2112A, RBF16C2202A, RS16C2112A, RS16C2201A, S5016C2112A, S5016C2112B, S5016C2112C, S5016C2112D, S5016C2203A, S5016P2112A, S5016P2112B, S5016P2112C, S5016P2112D, S5016P2203A, SAWA16C2112A, SAWA16C2202A, SCB16C2112A, SCB16C2201A, SCB16C2202A, SCC16C2112A, SCGP16C2201A, SCGP16C2202A, SPAL16C2202A, SPRC16C2201A, STA16C2112A, STA16C2201A, STEC16C2201A, STGT16C2202A, SYNE16C2202A, TASC16C2201A, TOP16C2112A, TOP16C2202A, TRUE16C2202A, TRUE16C2203A, TU16C2202A, WHA16C2202A (underlying securities are ACE, ADVANC, AEONTS, AMATA, AOT, BAM, BANPU, BBL, BCH, BEC, BGRIM, CBG, CHG, COM7, CPALL, CPF, CPN, DELTA, DOHOME, DTAC, EA, ESSO, GLOBAL, GPSC, GULF, GUNKUL, HANA, HMPRO, INTUCH, IRPC, IVL, JAS, JMART, JMT, KBANK, KCE, KTC, LH, MAJOR, MEGA, MINT, MTC, OR, PTG, PTL, PTT, PTTEP, RBF, RS, SAWAD, SCB, SCC, SCGP, SPALI, SPRC, SET50, STA, STEC, STGT, SYNTEC, TASCO, TOP, TRUE, TU, WHA). Since TNS covers those underlying securities in research report, consequently TNS incurs conflicts of interest. Moreover, Investors are advised to carefully review the details and information in the prospectus before making investment decisions.

Note: Thanachart Securities has an indirect financial interest in Ratchthani Leasing Pcl (THANI). Thanachart Securities Pcl is a subsidiary of Thanachart Capital Pcl (TCAP) which holds more than 56% of the shareholding in Ratchthani Leasing Pcl (THANI).

Note: Thanachart Capital Public Company Limited (TCAP), TMBThanachart Bank Public Company Limited (TTB), are related companies to Thanachart Securities Public Company Limited (TNS). Thanachart Securities Pcl is a subsidiary of Thanachart Capital Pcl (TCAP) which holds 20.1% of the shareholding in TMBThanachart Bank Pcl.

Thanachart Capital Public Company Limited (TCAP), Ratchthani Leasing Public Company Limited (THANI), TMB Public Company Limited, MBK PUBLIC COMPANY LIMITED (MBK) and PATUM RICE MILL AND GRANARY PUBLIC COMPANY LIMITED (PRG) are related companies to Thanachart Securities Public Company Limited (TNS) . Since TNS covers those securities in research report, consequently TNS incurs conflicts of interest.

Disclosure of Interest of Thanachart Securities

Investment Banking Relationship

Within the preceding 12 months, Thanachart Securities has lead-managed public offerings and/or secondary offerings (excluding straight bonds) of the securities of the following companies: Saksiam Leasing Pcl. (SAK TB), SCG Packaging Pcl (SCGP TB)

Recommendation Structure:

Recommendations are based on absolute upside or downside, which is the difference between the target price and the current market price. If the upside is 10% or more, the recommendation is BUY. If the downside is 10% or more, the recommendation is SELL. For stocks where the upside or downside is less than 10%, the recommendation is HOLD. Unless otherwise specified, these recommendations are set with a 12-month horizon. Thus, it is possible that future price volatility may cause a temporary mismatch between upside/downside for a stock based on the market price and the formal recommendation.

For sectors, an "Overweight" sector weighting is used when we have BUYs on majority of the stocks under our coverage by market cap. "Underweight" is used when we have SELLs on majority of the stocks we cover by market cap. "Neutral" is used when there are relatively equal weightings of BUYs and SELLs.

Thanachart Securities Pcl.

Research Team

19 Floor, MBK Tower

444 Phayathai Road, Pathumwan Road, Bangkok 10330

Tel: 662 - 779-9119

Email: thanachart.res@thanachartsec.co.th

Pimpaka Nichgaroon, CFA

Head of Research

Tel: 662-779-9199

pimpaka.nic@thanachartsec.co.th

Pattarawan Wangmingmat

Senior Technical Analyst

Tel: 662-779-9105

pattarawan.wan@thanachartsec.co.th

Phannarai Tiyapittayarut

Property, Retail

Tel: 662-779-9109

phannarai.von@thanachartsec.co.th

Sarachada Sornsong

Bank, Finance, Insurance

Tel: 662-779-9106

sarachada.sor@thanachartsec.co.th

Sittichet Rungrassameephat

Analyst, Quantitative

Tel: 662-483-8303

sittichet.run@thanachartsec.co.th

Adisak Phupiphathirungul, CFA

Retail Market Strategy

Tel: 662-779-9120

adisak.phu@thanachartsec.co.th

Nuttapop Prasitsuksant

Telecom, Utilities

Tel: 662-483-8296

nuttapop.pra@thanachartsec.co.th

Rata Limsuthiwanoom

Auto, Industrial Estate, Media, Prop. Fund

Tel: 662-483-8297

rata.lim@thanachartsec.co.th

Siriporn Arunothai

Small Cap, Healthcare, Hotel

Tel: 662-779-9113

siriporn.aru@thanachartsec.co.th

Thaloengsak Kucharoenpaisan

Analyst, Retail Market

Tel: 662-483-8304

thaloengsak.kuc@thanachartsec.co.th

Chak Reungsinpinya

Energy, Petrochemical, Paper

Tel: 662-779-9104

chak.reu@thanachartsec.co.th

Pattadol Bunnak

Electronics, Food & Beverage, Shipping

Tel: 662-483-8298

pattadol.bun@thanachartsec.co.th

Saksid Phadthanarak

Construction, Transportation

Tel: 662-779-9112

saksid.pha@thanachartsec.co.th

Witchanan Tambamroong

Technical Analyst

Tel: 662-779-9123

witchanan.tam@thanachartsec.co.th