

Malaysia

ADD (no change)

Consensus ratings*: Buy 3 Hold 2 Sell 1

Current price:	RM0.785
Target price:	RM1.00
Previous target:	RM1.00
Up/downside:	27.4%
CGS-CIMB / Consensus:	13.4%
Reuters:	PHMA.KL
Bloomberg:	PHRM MK
Market cap:	US\$246.2m
	RM1,028m
Average daily turnover:	US\$0.68m
	RM2.84m
Current shares o/s:	1,309m
Free float:	33.0%

*Source: Bloomberg

Key changes in this note

➤ FY21F/22F core EPS cut by 7.4%/12.0%.



Source: Bloomberg

Price performance	1M	3M	12M
Absolute (%)	9.8	-4.3	-25.5
Relative (%)	4.8	-2.4	-21.4

Major shareholders	% held
Boustead Holdings Bhd	55.8
Lembaga Tabung Angkatan Tentera	11.2

Analyst(s)

Sherman LAM Hsien Jin

T (60) 3 2635 9265

E sherman.lam@cgs-cimb.com

Pharmaniaga Bhd

No major impact from vaccine ceiling price

- The government has set a wholesale ceiling price of RM62/dose for private market sales of the Sinovac Covid-19 vaccine, effective from 15 Jan 2022.
- PHRM projects no major impact as the ceiling price is close to its selling prices but we cut FY21-22F core EPS to bake in lower revenue per dose.
- Reiterate Add and TP of RM1.00. PHRM is our top pharmaceutical pick.

Government sets ceiling price for Sinovac Covid-19 vaccine

The government announced yesterday that a ceiling price will be imposed on the sale of the Sinovac (CoronaVac) Covid-19 vaccine to the private market, effective from 15 Jan 2022. The wholesale price for the vaccine will be capped at RM62 per dose while its retail price cap will be RM77 per dose, excluding the cost of services and disposables used in the injection of the vaccine. The new price caps, which were generally determined based on the import price and current market price, will be implemented by the Pharmacy Enforcement Division under the Ministry of Health (MOH), under the Price Control and Anti-Profitteering Act 2011. Health Minister Khairy Jamaluddin and Domestic Trade & Consumer Affairs Minister Alexander Nanta Linggi said this move was undertaken as prices for Covid-19 vaccines in the private market are high and fluctuating, adding that the list and prices of the vaccines will be continuously reviewed and improved or eliminated based on current market conditions and demand.

No major earnings impact but revenue per dose assumptions cut

Pharmaniaga (PHRM) does not forecast any major revenue impact from the implementation of the ceiling price as we gather its current average selling price for the Sinovac vaccine to the private market is close to the new wholesale ceiling price of RM62 per dose. However, we cut FY21F/22F revenue by 3%/6% and core EPS by 7%/12%, as we had previously assumed a higher average selling price of c.RM140 for the sale of the filled-and-finished vaccine to the private sector in 2H21F and FY22F, which we now reduce to RM62 per dose. We keep our projections intact for c.14m/3m doses of the filled-and-finished vaccine to be supplied in FY21F/22F. We now forecast revenue contribution of RM1.73bn/RM186m (35%/5% of total revenue) from the supply of the filled-and-finished vaccine in FY21F/22F (previous: RM1.88bn/RM421m). Nonetheless, we note that our assumptions for revenue per dose and number of doses supplied for the vaccine remain fluid and may be subject to future revisions, pending updates from PHRM.

Reiterate Add with unchanged TP of RM1.00 (19x FY23F P/E)

As our earnings cuts mainly affect FY21-22F, we reiterate our Add rating on PHRM with unchanged TP of RM1.00, still based on 19x FY23F P/E or 1 s.d. above its 5-year mean, to reflect potentially higher sales volume for the filled-and-finished Sinovac vaccine. Key potential re-rating catalyst: robust vaccine fill-and-finish earnings contribution in 4Q21F and 1H22F. Key downside risks: weaker-than-expected vaccine earnings contribution and concession margins. PHRM is our top Malaysian pharmaceutical pick.

Financial Summary

	Dec-19A	Dec-20A	Dec-21F	Dec-22F	Dec-23F
Revenue (RMm)	2,821	2,725	4,877	3,431	3,342
Operating EBITDA (RMm)	151.2	127.2	238.0	161.3	167.5
Net Profit (RMm)	(149.2)	27.5	111.7	65.8	69.1
Normalised EPS (RM)	0.042	0.036	0.085	0.050	0.053
Normalised EPS Growth	4%	(13%)	137%	(41%)	5%
FD Normalised P/E (x)	18.87	21.76	9.20	15.62	14.87
DPS (RM)	0.017	0.022	0.060	0.035	0.037
Dividend Yield	2.16%	2.80%	7.61%	4.48%	4.71%
EV/EBITDA (x)	10.46	13.17	6.81	9.88	9.37
P/FCFE (x)	25.74	18.91	6.14	8.46	8.23
Net Gearing	150%	177%	148%	135%	122%
P/BV (x)	3.04	3.05	2.77	2.63	2.50
ROE	12.8%	14.0%	31.5%	17.3%	17.2%
% Change In Normalised EPS Estimates			(7.4%)	(12.0%)	0.1%
Normalised EPS/consensus EPS (x)			0.99	1.05	1.12

SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS

No major impact from vaccine ceiling price

Figure 1: Earnings revisions

FYE 31 Dec (RM m)	FY20	New			Old			% change		
		FY21F	FY22F	FY23F	FY21F	FY22F	FY23F	FY21F	FY22F	FY23F
Revenue	2,725	4,877	3,431	3,342	5,027	3,666	3,342	(3.0)	(6.4)	0.0
<i>Chg yoy (%)</i>	(3.4)	79.0	(29.6)	(2.6)	84.5	(27.1)	(8.8)			
Logistics & distribution	1,913	2,257	2,325	2,395	2,257	2,325	2,395	0.0	0.0	0.0
Manufacturing	2	1,728	188	3	1,878	423	3	(8.0)	(55.5)	0.0
Indonesia	810	891	917	945	891	917	945	0.0	0.0	0.0
Operating costs	-2,599	-4,639	-3,271	-3,176	-4,776	-3,493	-3,176	(2.9)	(6.4)	0.0
Other income	1	1	1	1	1	1	1	0.0	0.0	0.0
EBITDA	127	238	161	167	252	173	167	(5.4)	(7.0)	0.0
<i>Chg yoy (%)</i>	(15.9)	87.2	(32.2)	3.8	97.9	(31.1)	(3.4)			
<i>EBITDA margin (%)</i>	4.7	4.9	4.7	5.0	5.0	4.7	5.0			
Depn & amort.	-32	-32	-32	-32	-32	-32	-32	0.0	0.0	0.0
EBIT	95	206	130	136	220	142	136	(6.2)	(8.6)	0.0
Net interest expense	-33	-36	-42	-43	-36	-41	-43	0.2	0.2	(0.1)
Others	-26	0	0	0	0	0	0	nm	nm	nm
Pretax profit	36	170	88	92	184	100	92	(7.5)	(12.2)	0.1
Tax	-10	-59	-23	-25	-64	-27	-25	(7.5)	(12.2)	0.1
Net profit	27	112	66	69	121	75	69	(7.4)	(12.0)	0.1
<i>Chg yoy (%)</i>	(118.4)	306.4	(41.1)	5.0	338.8	(38.0)	(7.6)			
Core net profit	47	112	66	69	121	75	69	(7.4)	(12.0)	0.1
<i>Chg yoy (%)</i>	(13.2)	136.6	(41.1)	5.0	155.5	(38.0)	(7.6)			
EPS (sen)	2.1	8.5	5.0	5.3	9.2	5.7	5.3	(7.4)	(12.0)	0.1
<i>Chg yoy (%)</i>	(118.4)	306.5	(41.1)	5.0	338.9	(38.0)	(7.6)			
Core EPS (sen)	3.6	8.5	5.0	5.3	9.2	5.7	5.3	(7.4)	(12.0)	0.1
<i>Chg yoy (%)</i>	(13.3)	136.6	(41.1)	5.0	155.5	(38.0)	(7.6)			
DPS (sen)	2.2	6.0	3.5	3.7	6.5	4.0	3.7	(7.4)	(12.0)	0.1
Net gearing ratio (x)	1.86	1.55	1.41	1.28	1.51	1.39	1.27			
Cash capex	9	25	25	25	25	25	25	0.0	0.0	0.0

SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS

Figure 2: Our TP of RM1.00 for PHRM is based on 19x FY23F P/E (1 s.d. above 5-year mean)

FYE 31 Dec (RM m)	Value	Remarks
FY23F core net profit (RM m)	69	
FY23F P/E multiple (x)	19.0	Based on 1 s.d. above 5-year mean
Equity value (RM m)	1,313	
No. of shares (m)	1,309	
Fair value per share (RM)	1.00	
Target price (RM)	1.00	Rounded to the nearest 5 sen

SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS, BLOOMBERG

Figure 3: PHRM's 1-year forward P/E trading band



Figure 4: ASEAN healthcare sector comparisons

Company	Bloomberg Ticker	Recom.	Share price (local curr.)	Target price (US\$ m)	Market cap (US\$ m)	P/E (x)		EV/EBITDA (x)		3-year CAGR (%)		Dvd yield (%)		ROE (%)		P/B (x)	
						FY21F	FY22F	FY21F	FY22F	EPS	EBITDA	FY21F	FY22F	FY21F	FY22F	FY21F	FY22F
Duopharma Biotech	DBB MK	HOLD	1.60	1.60	361	20.9	19.6	13.0	11.9	5.1	8.2	3.4	3.6	11.0	11.3	2.3	2.2
Pharmaniaga	PHRM MK	ADD	0.79	1.00	246	9.2	15.6	6.8	9.9	13.5	9.6	7.6	4.5	31.5	17.3	2.8	2.6
IHH Healthcare	IHH MK	ADD	6.65	8.30	14,008	38.3	37.3	15.9	14.9	35.3	20.3	1.0	1.1	6.3	6.2	2.4	2.3
KPJ Healthcare	KPJ MK	HOLD	1.05	1.05	1,088	96.2	36.6	11.9	10.0	2.5	6.1	0.9	1.1	2.3	5.9	2.2	2.1
Malaysia overall healthcare average (ex-outliers)						22.8	27.3	11.9	11.7	14.1	11.0	3.2	2.6	12.8	10.2	2.4	2.3
Malaysia hospital average (ex-outliers)						38.3	37.0	13.9	12.5	18.9	13.2	1.0	1.1	4.3	6.0	2.3	2.2
Malaysia pharmaceutical average (ex-outliers)						15.0	17.6	9.9	10.9	9.3	8.9	5.5	4.0	21.3	14.3	2.5	2.4
Raffles Medical Group	RFMD SP	HOLD	1.31	1.44	1,818	30.8	28.8	16.5	15.2	27.4	8.2	2.1	2.1	8.7	9.0	2.6	2.5
Singapore healthcare average (ex-outliers)						30.8	28.8	16.5	15.2	27.4	8.2	2.1	2.1	8.7	9.0	2.6	2.5
Bumrungrad Hospital	BH TB	HOLD	135.50	155.00	3,239	108.4	80.2	45.9	39.7	14.0	11.4	2.4	2.4	5.6	8.2	6.4	6.8
Bangkok Dusit Med Service	BDMS TB	ADD	22.40	27.00	10,708	50.1	38.4	23.6	20.0	19.6	11.8	2.5	2.5	8.1	10.7	4.1	4.1
Bangkok Chain Hospital	BCH TB	ADD	20.00	26.00	1,500	8.5	23.9	6.0	14.6	14.8	9.0	5.9	2.1	70.5	20.2	5.1	4.6
Chularat Hospital	CHG TB	ADD	3.54	4.77	1,171	11.5	21.9	8.8	16.7	23.8	13.1	1.8	6.8	62.7	28.1	5.8	6.6
Ramkhamhaeng Hospital	RAM TB	ADD	37.25	48.80	1,345	12.8	20.3	9.5	15.0	41.9	40.8	1.9	1.9	26.0	14.4	3.0	2.8
Praram 9 Hospital	PR9 TB	ADD	11.30	12.10	267	40.0	33.7	14.6	12.8	12.0	13.0	1.2	1.3	5.3	6.1	2.1	2.0
Mega Lifesciences	MEGA TB	ADD	49.50	57.00	1,298	24.4	23.1	18.4	17.0	12.5	10.1	2.2	2.4	24.2	23.0	5.6	5.0
Thailand healthcare average (ex-outliers)						31.8	26.9	16.5	16.0	19.8	15.6	2.5	2.7	13.9	15.8	4.6	4.6
Mitra Keluarga Karyasehat	MIKA IJ	HOLD	2,220	2,300	2,212	29.0	30.7	17.9	18.9	11.2	13.3	1.6	1.6	21.0	17.9	5.8	5.2
Siloam International Hospitals	SILO IJ	ADD	8,650	12,300	984	22.1	20.5	6.7	6.4	94.0	22.2	1.6	1.8	10.3	10.4	2.2	2.1
Medikaloka Hermina	HEAL IJ	HOLD	1,135	1,100	1,182	19.6	23.0	10.0	11.4	23.9	14.3	0.4	1.4	29.7	21.0	5.2	4.5
Kalbe Farma	KLBF IJ	ADD	1,700	1,750	5,575	25.6	23.7	16.6	15.5	9.8	8.0	1.6	1.9	17.0	16.6	4.1	3.8
Indonesia healthcare average (ex-outliers)						24.1	24.5	12.8	13.1	34.7	14.4	1.3	1.7	19.5	16.5	4.3	3.9
ASEAN hospital average (ex-outliers)						30.4	28.6	14.1	14.2	26.7	15.3	1.9	2.2	12.3	13.2	3.9	3.8
ASEAN pharmaceutical average (ex-outliers)						20.0	20.5	13.7	13.5	10.2	9.0	3.7	3.1	20.9	17.1	3.7	3.4

Note: Share prices as of 13 Jan 2021, EPS & EBITDA CAGR are for FY20-23F
SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS, BLOOMBERG



ESG in a nutshell

Pharmaniaga's (PHRM) sustainability report is prepared in line with Bursa Malaysia's Sustainability Reporting Guide and also in accordance with the Global Reporting Initiative (GRI). The Sustainability Management Committee is responsible for identifying the group's materiality matters and monitors performance of initiatives, helmed by the chairman and assisted by the group's head of sustainability. PHRM has set out a new Sustainability Roadmap 2021-25, having completed its 2016-20 Sustainability Roadmap, with a focus on integrating sustainability in business strategy and linking sustainability targets with executive remuneration, among other things. Material matters include: product quality, safety and accessibility, material and waste management as well as occupational health and safety.

Keep your eye on

Due to the highly regulated nature of pharmaceutical products, product compliance, safety and efficacy are crucial matters for PHRM. PHRM is subject to at least six acts and has to meet all criteria contained therein to qualify for the annual renewal of its Manufacturing, Wholesale, Import and Pharmacist Type A Poison Licences.

Implications

Quality assurance is applied across its value chain from research & development (R&D) to procurement while it actively adheres to all the relevant standards and certifications. All its products are tested rigorously before being made available to the market.

ESG highlights

PHRM is ranked in the top 26-50% by ESG ratings among public listed companies in the FBM EMAS index that have been assessed by FTSE Russell.

Implications

We do not see any clear empirical correlation between high ESG rankings and share price performance.

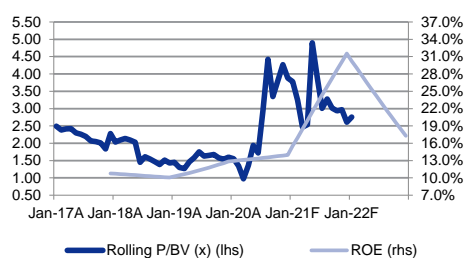
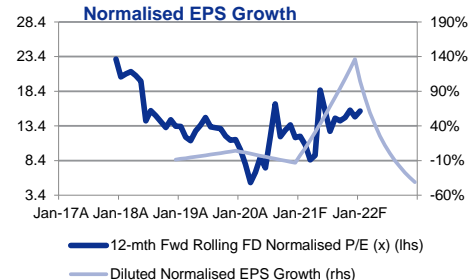
Trends

Total energy consumption and energy intensity declined by 3.8% and 1.1% yoy, respectively, in 2020.

Implications

The decline in energy usage arose from the group's energy saving measures implemented across its manufacturing and logistics operations. Non-renewable energy consumed by PHRM in 2020 comprised 67.8% of its total energy consumption. It has installed solar panels at its manufacturing facility to offset non-renewable energy usage.

SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS, BURSA MALAYSIA, FTSE RUSSELL

BY THE NUMBERS
P/BV vs ROE

12-mth Fwd FD Normalised P/E vs FD Normalised EPS Growth

Profit & Loss

(RMm)	Dec-19A	Dec-20A	Dec-21F	Dec-22F	Dec-23F
Total Net Revenues	2,821	2,725	4,877	3,431	3,342
Gross Profit	365	316	442	366	380
Operating EBITDA	151	127	238	161	167
Depreciation And Amortisation	-36	-32	-32	-32	-32
Operating EBIT	115	95	206	130	136
Financial Income/(Expense)	-39	-33	-36	-42	-43
Pretax Income/(Loss) from Assoc.	0	0	0	0	0
Non-Operating Income/(Expense)	-0	-1	0	0	0
Profit Before Tax (pre-EI)	76	61	170	88	92
Exceptional Items	-267	-25	0	0	0
Pre-tax Profit	-192	36	170	88	92
Taxation	42	-10	-59	-23	-25
Exceptional Income - post-tax					
Profit After Tax	-149	26	110	65	68
Minority Interests	0	1	1	1	1
Preferred Dividends					
FX Gain/(Loss) - post tax					
Other Adjustments - post-tax					
Preference Dividends (Australia)					
Net Profit	-149	27	112	66	69
Normalised Net Profit	54	46	110	65	68
Fully Diluted Normalised Profit	54	47	112	66	69

Cash Flow

(RMm)	Dec-19A	Dec-20A	Dec-21F	Dec-22F	Dec-23F
EBITDA	151.2	127.2	238.0	161.3	167.5
Cash Flow from Inv. & Assoc.					
Change In Working Capital	100.7	(101.0)	0.0	0.0	0.0
(Incr)/Decr in Total Provisions					
Other Non-Cash (Income)/Expense					
Other Operating Cashflow	(9.3)	(4.5)	0.0	0.0	0.0
Net Interest (Paid)/Received	(36.6)	(37.9)	(36.1)	(41.4)	(43.0)
Tax Paid	(12.6)	(5.5)	(59.5)	(23.4)	(24.6)
Cashflow From Operations	193.4	(21.8)	142.5	96.5	99.8
Capex	(20.4)	(9.3)	(25.0)	(25.0)	(25.0)
Disposals Of FAs/subsidiaries	0.1	0.0	0.0	0.0	0.0
Acq. Of Subsidiaries/investments	0.0	0.0	0.0	0.0	0.0
Other Investing Cashflow	(52.4)	(23.4)	0.0	0.0	0.0
Cash Flow From Investing	(72.7)	(32.6)	(25.0)	(25.0)	(25.0)
Debt Raised/(repaid)	(80.8)	108.8	50.0	50.0	50.0
Proceeds From Issue Of Shares	0.0	0.0	0.0	0.0	0.0
Shares Repurchased					
Dividends Paid	(40.4)	(26.1)	(58.9)	(41.5)	(46.1)
Preferred Dividends					
Other Financing Cashflow	(4.1)	(11.1)	(0.5)	(0.5)	(0.5)
Cash Flow From Financing	(125.3)	71.5	(9.4)	8.0	3.4
Total Cash Generated	(4.6)	17.1	108.0	79.5	78.3
Free Cashflow To Equity	39.9	54.3	167.5	121.5	124.8
Free Cashflow To Firm	158.7	(15.9)	155.2	116.2	122.5

SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS

BY THE NUMBERS... cont'd

Balance Sheet

(RMm)	Dec-19A	Dec-20A	Dec-21F	Dec-22F	Dec-23F
Total Cash And Equivalents	30	41	145	220	295
Total Debtors	267	288	705	210	682
Inventories	618	587	1,630	413	1,562
Total Other Current Assets	19	11	11	11	11
Total Current Assets	934	926	2,491	854	2,549
Fixed Assets	382	366	367	368	368
Total Investments	0	0	0	0	0
Intangible Assets	200	205	201	197	193
Total Other Non-Current Assets	76	83	83	83	83
Total Non-current Assets	659	654	651	648	645
Short-term Debt	565	669	719	769	819
Current Portion of Long-Term Debt					
Total Creditors	627	515	1,586	166	1,527
Other Current Liabilities	9	9	14	11	11
Total Current Liabilities	1,201	1,194	2,319	946	2,358
Total Long-term Debt	0	0	0	0	0
Hybrid Debt - Debt Component					
Total Other Non-Current Liabilities	35	31	434	148	408
Total Non-current Liabilities	35	31	434	148	408
Total Provisions	0	0	0	0	0
Total Liabilities	1,235	1,225	2,754	1,094	2,766
Shareholders' Equity	338	338	371	391	412
Minority Interests	19	17	17	17	17
Total Equity	357	355	388	408	429

Key Ratios

	Dec-19A	Dec-20A	Dec-21F	Dec-22F	Dec-23F
Revenue Growth	18.3%	(3.4%)	79.0%	(29.6%)	(2.6%)
Operating EBITDA Growth	(9.0%)	(15.9%)	87.2%	(32.2%)	3.8%
Operating EBITDA Margin	5.36%	4.67%	4.88%	4.70%	5.01%
Net Cash Per Share (RM)	-0.41	-0.48	-0.44	-0.42	-0.40
BVPS (RM)	0.26	0.26	0.28	0.30	0.31
Gross Interest Cover	2.86	2.81	5.44	2.89	2.84
Effective Tax Rate	0.0%	26.6%	35.0%	26.6%	26.6%
Net Dividend Payout Ratio	40.7%	61.0%	70.0%	70.0%	70.0%
Accounts Receivables Days	37.47	37.27	37.17	48.67	48.67
Inventory Days	97.4	91.5	91.2	121.7	121.7
Accounts Payables Days	94.5	86.7	86.5	104.3	104.3
ROIC (%)	7.2%	7.8%	15.4%	7.0%	9.3%
ROCE (%)	11.1%	9.8%	19.5%	11.6%	11.6%
Return On Average Assets	4.78%	4.48%	5.85%	4.14%	4.29%

Key Drivers

	Dec-19A	Dec-20A	Dec-21F	Dec-22F	Dec-23F
Logistics & distribution revenue (RM m)	2,012.4	1,913.1	2,257.5	2,325.2	2,395.0
Manufacturing revenue (RM m)	7.0	2.2	1,728.3	188.4	2.5
Indonesia revenue (RM m)	801.1	809.8	890.8	917.5	945.0
Logistics & distribution sales mix (%)	71.3%	70.2%	46.3%	67.8%	71.7%
Manufacturing sales mix (%)	0.2%	0.1%	35.4%	5.5%	0.1%
Indonesia sales mix (%)	28.4%	29.7%	18.3%	26.7%	28.3%

SOURCES: CGS-CIMB RESEARCH, COMPANY REPORTS

DISCLAIMER

The content of this report (including the views and opinions expressed therein, and the information comprised therein) has been prepared by and belongs to CGS-CIMB. Reports relating to a specific geographical area are produced and distributed by the corresponding CGS-CIMB entity as listed in the table below.

This report is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation.

By accepting this report, the recipient hereof represents and warrants that he is entitled to receive such report in accordance with the restrictions set forth below and agrees to be bound by the limitations contained herein (including the “Restrictions on Distributions” set out below). Any failure to comply with these limitations may constitute a violation of law. This publication is being supplied to you strictly on the basis that it will remain confidential. No part of this report may be (i) copied, photocopied, duplicated, stored or reproduced in any form by any means; or (ii) redistributed or passed on, directly or indirectly, to any other person in whole or in part, for any purpose without the prior written consent of CGS-CIMB.

The information contained in this research report is prepared from data believed to be correct and reliable at the time of issue of this report. CGS-CIMB may or may not issue regular reports on the subject matter of this report at any frequency and may cease to do so or change the periodicity of reports at any time. CGS-CIMB has no obligation to update this report in the event of a material change to the information contained in this report. CGS-CIMB does not accept any obligation to (i) check or ensure that the contents of this report remain current, reliable or relevant, (ii) ensure that the content of this report constitutes all the information a prospective investor may require, (iii) ensure the adequacy, accuracy, completeness, reliability or fairness of any views, opinions and information, and accordingly, CGS-CIMB, its affiliates and related persons including China Galaxy International Financial Holdings Limited (“CGIFHL”) and CIMB Group Sdn. Bhd. (“CIMBG”) and their respective related corporations (and their respective directors, associates, connected persons and/or employees) shall not be liable in any manner whatsoever for any consequences (including but not limited to any direct, indirect or consequential losses, loss of profits and damages) of any reliance thereon or usage thereof. In particular, CGS-CIMB disclaims all responsibility and liability for the views and opinions set out in this report.

Unless otherwise specified, this report is based upon sources which CGS-CIMB considers to be reasonable. Such sources will, unless otherwise specified, for market data, be market data and prices available from the main stock exchange or market where the relevant security is listed, or, where appropriate, any other market. Information on the accounts and business of company(ies) will generally be based on published statements of the company(ies), information disseminated by regulatory information services, other publicly available information and information resulting from our research.

Whilst every effort is made to ensure that statements of facts made in this report are accurate, all estimates, projections, forecasts, expressions of opinion and other subjective judgments contained in this report are based on assumptions considered to be reasonable as of the date of the document in which they are contained and must not be construed as a representation that the matters referred to therein will occur. Past performance is not a reliable indicator of future performance. The value of investments may go down as well as up and those investing may, depending on the investments in question, lose more than the initial investment. No report shall constitute an offer or an invitation by or on behalf of CGS-CIMB or any of its affiliates (including CGIFHL, CIMBG and their respective related corporations) to any person to buy or sell any investments.

CGS-CIMB, its affiliates and related corporations (including CGIFHL, CIMBG and their respective related corporations) and/or their respective directors, associates, connected parties and/or employees may own or have positions in securities of the company(ies) covered in this research report or any securities related thereto and may from time to time add to or dispose of, or may be materially interested in, any such securities. Further, CGS-CIMB, its affiliates and their respective related corporations (including CGIFHL, CIMBG and their respective related corporations) do and seek to do business with the company(ies) covered in this research report and may from time to time act as market maker or have assumed an underwriting commitment in securities of such company(ies), may sell them to or buy them from customers on a principal basis and may also perform or seek to perform significant investment banking, advisory, underwriting or placement services for or relating to such company(ies) as well as solicit such investment, advisory or other services from any entity mentioned in this report.

CGS-CIMB or its affiliates (including CGIFHL, CIMBG and their respective related corporations) may enter into an agreement with the company(ies) covered in this report relating to the production of research reports. CGS-CIMB may disclose the contents of this report to the company(ies) covered by it and may have amended the contents of this report following such disclosure.

The analyst responsible for the production of this report hereby certifies that the views expressed herein accurately and exclusively reflect his or her personal views and opinions about any and all of the issuers or securities analysed in this report and were prepared independently and autonomously. No part of the compensation of the analyst(s) was, is, or will be directly or indirectly related to the inclusion of specific recommendations(s) or view(s) in this report. The analyst(s) who prepared this research report is prohibited from receiving any compensation, incentive or bonus based on specific investment banking transactions or for providing a specific recommendation for, or view of, a particular company. Information barriers and other arrangements may be established where necessary to prevent conflicts of interests arising. However, the analyst(s) may receive compensation that is based on his/their coverage of company(ies) in the performance of his/their duties or the performance of his/their recommendations and the research personnel involved in the preparation of this report may also participate in the solicitation of the businesses as described above. In reviewing this research report, an investor should be aware that any or all of the foregoing, among other things, may give rise to real or potential conflicts of interest. Additional information is, subject to the duties of confidentiality, available on request.

Reports relating to a specific geographical area are produced by the corresponding CGS-CIMB entity as listed in the table below. The term “CGS-CIMB” shall denote, where appropriate, the relevant entity distributing or disseminating the report in the particular jurisdiction referenced below, or, in every other case except as otherwise stated herein, CGS-CIMB Securities International Pte. Ltd. and its affiliates, subsidiaries and related corporations.

Country	CGS-CIMB Entity	Regulated by
Hong Kong	CGS-CIMB Securities (Hong Kong) Limited	Securities and Futures Commission Hong Kong
India	CGS-CIMB Securities (India) Private Limited	Securities and Exchange Board of India (SEBI)
Indonesia	PT CGS-CIMB Sekuritas Indonesia	Financial Services Authority of Indonesia
Malaysia	CGS-CIMB Securities Sdn. Bhd.	Securities Commission Malaysia
Singapore	CGS-CIMB Securities (Singapore) Pte. Ltd.	Monetary Authority of Singapore
South Korea	CGS-CIMB Securities (Hong Kong) Limited, Korea Branch	Financial Services Commission and Financial Supervisory Service
Thailand	CGS-CIMB Securities (Thailand) Co. Ltd.	Securities and Exchange Commission Thailand

Other Significant Financial Interests:

(i) As of December 31, 2021 CGS-CIMB has a proprietary position in the securities (which may include but not be limited to shares, warrants, call warrants and/or any other derivatives) in the following company or companies covered or recommended in this report:

(a) Bangkok Chain Hospital, Bangkok Dusit Med Service, Chularat Hospital, KPJ Healthcare, Mega Lifesciences, Pharmaniaga Bhd, Raffles Medical Group

(ii) Analyst Disclosure: As of January 14, 2022, the analyst(s) who prepared this report, and the associate(s), has / have an interest in the securities (which may include but not be limited to shares, warrants, call warrants and/or any other derivatives) in the following company or companies covered or recommended in this report:

(a) -

This report does not purport to contain all the information that a prospective investor may require. Neither CGS-CIMB nor any of its affiliates (including CGIFHL, CIMBG and their related corporations) make any guarantee, representation or warranty, express or implied, as to the adequacy, accuracy, completeness, reliability or fairness of any such information and opinion contained in this report. Neither CGS-CIMB nor any of its affiliates nor their related persons (including CGIFHL, CIMBG and their related corporations) shall be liable in any manner whatsoever for any consequences (including but not limited to any direct, indirect or consequential losses, loss of profits and damages) of any reliance thereon or usage thereof.

This report is general in nature and has been prepared for information purposes only. It is intended for circulation amongst CGS-CIMB's clients generally and does not have regard to the specific investment objectives, financial situation and the particular needs of any specific person who may receive this report. The information and opinions in this report are not and should not be construed or considered as an offer, recommendation or solicitation to buy or sell the subject securities, related investments or other financial instruments or any derivative instrument, or any rights pertaining thereto.

Investors are advised to make their own independent evaluation of the information contained in this research report, consider their own individual investment objectives, financial situation and particular needs and consult their own professional and financial advisers as to the legal, business, financial, tax and other aspects before participating in any transaction in respect of the securities of company(ies) covered in this research report.

The securities of such company(ies) may not be eligible for sale in all jurisdictions or to all categories of investors.

Restrictions on Distributions

Australia: Despite anything in this report to the contrary, this research is provided in Australia by CGS-CIMB Securities (Singapore) Pte. Ltd. and CGS-CIMB Securities (Hong Kong) Limited. This research is only available in Australia to persons who are "wholesale clients" (within the meaning of the Corporations Act 2001 (Cth) and is supplied solely for the use of such wholesale clients and shall not be distributed or passed on to any other person. You represent and warrant that if you are in Australia, you are a "wholesale client". This research is of a general nature only and has been prepared without taking into account the objectives, financial situation or needs of the individual recipient. CGS-CIMB Securities (Singapore) Pte. Ltd. and CGS-CIMB Securities (Hong Kong) Limited do not hold, and are not required to hold an Australian financial services license. CGS-CIMB Securities (Singapore) Pte. Ltd. and CGS-CIMB Securities (Hong Kong) Limited rely on "passporting" exemptions for entities appropriately licensed by the Monetary Authority of Singapore (under ASIC Class Order 03/1102) and the Securities and Futures Commission in Hong Kong (under ASIC Class Order 03/1103).

Canada: This research report has not been prepared in accordance with the disclosure requirements of Dealer Member Rule 3400 – Research Restrictions and Disclosure Requirements of the Investment Industry Regulatory Organization of Canada. For any research report distributed by CIBC, further disclosures related to CIBC conflicts of interest can be found at <https://researchcentral.cibcwm.com>.

China: For the purpose of this report, the People's Republic of China ("PRC") does not include the Hong Kong Special Administrative Region, the Macau Special Administrative Region or Taiwan. The distributor of this report has not been approved or licensed by the China Securities Regulatory Commission or any other relevant regulatory authority or governmental agency in the PRC. This report contains only marketing information. The distribution of this report is not an offer to buy or sell to any person within or outside PRC or a solicitation to any person within or outside of PRC to buy or sell any instruments described herein. This report is being issued outside the PRC to a limited number of institutional investors and may not be provided to any person other than the original recipient and may not be reproduced or used for any other purpose.

France: Only qualified investors within the meaning of French law shall have access to this report. This report shall not be considered as an offer to subscribe to, or used in connection with, any offer for subscription or sale or marketing or direct or indirect distribution of financial instruments and it is not intended as a solicitation for the purchase of any financial instrument.

Germany: This report is only directed at persons who are professional investors as defined in sec 31a(2) of the German Securities Trading Act (WpHG). This publication constitutes research of a non-binding nature on the market situation and the investment instruments cited here at the time of the publication of the information.

The current prices/yields in this issue are based upon closing prices from Bloomberg as of the day preceding publication. Please note that neither the German Federal Financial Supervisory Agency (BaFin), nor any other supervisory authority exercises any control over the content of this report.

Hong Kong: This report is issued and distributed in Hong Kong by CGS-CIMB Securities (Hong Kong) Limited ("CHK") which is licensed in Hong Kong by the Securities and Futures Commission for Type 1 (dealing in securities) and Type 4 (advising on securities) activities. Any investors wishing to purchase or otherwise deal in the securities covered in this report should contact the Head of Sales at CGS-CIMB Securities (Hong Kong) Limited.

The views and opinions in this research report are our own as of the date hereof and are subject to change. If the Financial Services and Markets Act of the United Kingdom or the rules of the Financial Conduct Authority apply to a recipient, our obligations owed to such recipient therein are unaffected. CHK has no obligation to update its opinion or the information in this research report.

This publication is strictly confidential and is for private circulation only to clients of CHK.

CHK does not make a market on other securities mentioned in the report.

India: This report is issued and distributed in India by CGS-CIMB Securities (India) Private Limited (“CGS-CIMB India”). CGS-CIMB India is a subsidiary of CGS-CIMB Securities International Pte. Ltd. which is in turn is a 50:50 joint venture company of CGIFHL and CIMBG. The details of the members of the group of companies of CGS-CIMB can be found at www.cgs-cimb.com, CGIFHL at www.chinastock.com.hk/en/ACG/ContactUs/index.aspx and CIMBG at www.cimb.com/en/who-we-are.html. CGS-CIMB India is registered with the National Stock Exchange of India Limited and BSE Limited as a trading and clearing member (Merchant Banking Number: INM000012037) under the Securities and Exchange Board of India (Stock Brokers and Sub-Brokers) Regulations, 1992. In accordance with the provisions of Regulation 4(g) of the Securities and Exchange Board of India (Investment Advisers) Regulations, 2013, CGS-CIMB India is not required to seek registration with the Securities and Exchange Board of India (“SEBI”) as an Investment Adviser. CGS-CIMB India is registered with SEBI (SEBI Registration Number: INZ000209135) as a Research Analyst (INH000000669) pursuant to the SEBI (Research Analysts) Regulations, 2014 (“Regulations”).

This report does not take into account the particular investment objectives, financial situations, or needs of the recipients. It is not intended for and does not deal with prohibitions on investment due to law/jurisdiction issues etc. which may exist for certain persons/entities. Recipients should rely on their own investigations and take their own professional advice before investment.

The report is not a “prospectus” as defined under Indian Law, including the Companies Act, 2013, and is not, and shall not be, approved by, or filed or registered with, any Indian regulator, including any Registrar of Companies in India, SEBI, any Indian stock exchange, or the Reserve Bank of India. No offer, or invitation to offer, or solicitation of subscription with respect to any such securities listed or proposed to be listed in India is being made, or intended to be made, to the public, or to any member or section of the public in India, through or pursuant to this report.

The research analysts, strategists or economists principally responsible for the preparation of this research report are segregated from the other activities of CGS-CIMB India and they have received compensation based upon various factors, including quality, accuracy and value of research, firm profitability or revenues, client feedback and competitive factors. Research analysts', strategists' or economists' compensation is not linked to investment banking or capital markets transactions performed or proposed to be performed by CGS-CIMB India or its affiliates.

CGS-CIMB India does not have actual / beneficial ownership of 1% or more securities of the subject company in this research report, at the end of the month immediately preceding the date of publication of this research report. However, since affiliates of CGS-CIMB India are engaged in the financial services business, they might have in their normal course of business financial interests or actual / beneficial ownership of one per cent or more in various companies including the subject company in this research report.

CGS-CIMB India or its associates, may: (a) from time to time, have long or short position in, and buy or sell the securities of the subject company in this research report; or (b) be engaged in any other transaction involving such securities and earn brokerage or other compensation or act as a market maker in the financial instruments of the subject company in this research report or act as an advisor or lender/borrower to such company or may have any other potential conflict of interests with respect to any recommendation and other related information and opinions.

CGS-CIMB India, its associates and the analyst engaged in preparation of this research report have not received any compensation for investment banking, merchant banking or brokerage services from the subject company mentioned in the research report in the past 12 months.

CGS-CIMB India, its associates and the analyst engaged in preparation of this research report have not managed or co-managed public offering of securities for the subject company mentioned in the research report in the past 12 months. The analyst from CGS-CIMB India engaged in preparation of this research report or his/her relative (a) do not have any financial interests in the subject company mentioned in this research report; (b) do not own 1% or more of the equity securities of the subject company mentioned in the research report as of the last day of the month preceding the publication of the research report; (c) do not have any material conflict of interest at the time of publication of the research report.

Indonesia: This report is issued and distributed by PT CGS-CIMB Sekuritas Indonesia (“CGS-CIMB Indonesia”). The views and opinions in this research report are our own as of the date hereof and are subject to change. CGS-CIMB Indonesia has no obligation to update its opinion or the information in this research report. This report is for private circulation only to clients of CGS-CIMB Indonesia. Neither this report nor any copy hereof may be distributed in Indonesia or to any Indonesian citizens wherever they are domiciled or to Indonesian residents except in compliance with applicable Indonesian capital market laws and regulations.

This research report is not an offer of securities in Indonesia. The securities referred to in this research report have not been registered with the Financial Services Authority (Otoritas Jasa Keuangan) pursuant to relevant capital market laws and regulations, and may not be offered or sold within the territory of the Republic of Indonesia or to Indonesian citizens through a public offering or in circumstances which constitute an offer within the meaning of the Indonesian capital market law and regulations.

Ireland: CGS-CIMB is not an investment firm authorised in the Republic of Ireland and no part of this document should be construed as CGS-CIMB acting as, or otherwise claiming or representing to be, an investment firm authorised in the Republic of Ireland.

Malaysia: This report is distributed in Malaysia by CGS-CIMB Securities Sdn. Bhd. (“CGS-CIMB Malaysia”) solely for the benefit of and for the exclusive use of our clients. Recipients of this report are to contact CGS-CIMB Malaysia, at Level 29, Menara Bumiputra-Commerce, No. 11, Jalan Raja Laut, 50350 Kuala Lumpur, Malaysia, in respect of any matters arising from or in connection with this report. CGS-CIMB Malaysia has no obligation to update, revise or reaffirm its opinion or the information in this research reports after the date of this report.

New Zealand: In New Zealand, this report is for distribution only to persons who are wholesale clients pursuant to section 5C of the Financial Advisers Act 2008.

Singapore: This report is issued and distributed by CGS-CIMB Securities (Singapore) Pte Ltd (“CGS-CIMB Singapore”). CGS-CIMB Singapore is a capital markets services licensee under the Securities and Futures Act (Chapter 289). Accordingly, it is exempted from the requirement to hold a financial adviser’s licence under the Financial Advisers Act, Cap 110 (“FAA”) for advising on investment products, by issuing or promulgating research analyses or research reports, whether in electronic, print or other form. CGS-CIMB Singapore is subject to the applicable rules under the FAA unless it is able to avail itself to any prescribed exemptions.

Recipients of this report are to contact CGS-CIMB Singapore, 50 Raffles Place, #16-02 Singapore Land Tower, Singapore in respect of any matters arising from, or in connection with this report. CGS-CIMB Singapore has no obligation to update its opinion or the information in this research report. This publication is strictly confidential and is for private circulation only. If you have not been sent this report by CGS-CIMB Singapore directly, you may not rely, use or disclose to anyone else this report or its contents.

If the recipient of this research report is not an accredited investor, expert investor or institutional investor, CGS-CIMB Singapore accepts legal responsibility for the contents of the report without any disclaimer limiting or otherwise curtailing such legal responsibility. If the recipient is an accredited investor, expert investor or institutional investor, the recipient is deemed to acknowledge that CGS-CIMB Singapore is exempt from certain requirements under the FAA and its attendant regulations, and as such, is exempt from complying with the following:

- (a) Section 25 of the FAA (obligation to disclose product information);
- (b) Section 27 (duty not to make recommendation with respect to any investment product without having a reasonable basis where you may be reasonably expected to rely on the recommendation) of the FAA;
- (c) MAS Notice on Information to Clients and Product Information Disclosure [Notice No. FAA-N03];
- (d) MAS Notice on Recommendation on Investment Products [Notice No. FAA-N16];
- (e) Section 36 (obligation on disclosure of interest in specified products), and
- (f) any other laws, regulations, notices, directive, guidelines, circulars and practice notes which are relates to the above, to the extent permitted by applicable laws, as may be amended from time to time, and any other laws, regulations, notices, directive, guidelines, circulars, and practice notes as we may notify you from time to time. In addition, the recipient who is an accredited investor, expert investor or institutional investor acknowledges that as CGS-CIMB Singapore is exempt from Section 27 of the FAA, the recipient will also not be able to file a civil claim against CGS-CIMB Singapore for any loss or damage arising from the recipient's reliance on any recommendation made by CGS-CIMB Singapore which would otherwise be a right that is available to the recipient under Section 27 of the FAA. .

CGS-CIMB Singapore, its affiliates and related corporations, their directors, associates, connected parties and/or employees may own or have positions in specified products of the company(ies) covered in this research report or any specified products related thereto and may from time to time add to or dispose of, or may be materially interested in, any such specified products. Further, CGS-CIMB Singapore, its affiliates and its related corporations do and seek to do business with the company(ies) covered in this research report and may from time to time act as market maker or have assumed an underwriting commitment in specified products of such company(ies), may sell them to or buy them from customers on a principal basis and may also perform or seek to perform significant investment banking, advisory, underwriting or placement services for or relating to such company(ies) as well as solicit such investment, advisory or other services from any entity mentioned in this report.

As of January 13, 2022, CGS-CIMB Singapore does not have a proprietary position in the recommended specified products in this report.

CGS-CIMB Singapore does not make a market on the securities mentioned in the report.

South Korea: This report is issued and distributed in South Korea by CGS-CIMB Securities (Hong Kong) Limited, Korea Branch ("CGS-CIMB Korea") which is licensed as a cash equity broker, and regulated by the Financial Services Commission and Financial Supervisory Service of Korea. In South Korea, this report is for distribution only to professional investors under Article 9(5) of the Financial Investment Services and Capital Market Act of Korea ("FSCMA").

Spain: This document is a research report and it is addressed to institutional investors only. The research report is of a general nature and not personalised and does not constitute investment advice so, as the case may be, the recipient must seek proper advice before adopting any investment decision. This document does not constitute a public offering of securities.

CGS-CIMB is not registered with the Spanish Comision Nacional del Mercado de Valores to provide investment services.

Sweden: This report contains only marketing information and has not been approved by the Swedish Financial Supervisory Authority. The distribution of this report is not an offer to sell to any person in Sweden or a solicitation to any person in Sweden to buy any instruments described herein and may not be forwarded to the public in Sweden.

Switzerland: This report has not been prepared in accordance with the recognized self-regulatory minimal standards for research reports of banks issued by the Swiss Bankers' Association (Directives on the Independence of Financial Research).

Thailand: This report is issued and distributed by CGS-CIMB Securities (Thailand) Co. Ltd. ("CGS-CIMB Thailand") based upon sources believed to be reliable (but their accuracy, completeness or correctness is not guaranteed). The statements or expressions of opinion herein were arrived at after due and careful consideration for use as information for investment. Such opinions are subject to change without notice and CGS-CIMB Thailand has no obligation to update its opinion or the information in this research report.

CGS-CIMB Thailand may act or acts as Market Maker, and issuer and offeror of Derivative Warrants and Structured Note which may have the following securities as its underlying securities. Investors should carefully read and study the details of the derivative warrants in the prospectus before making investment decisions.

AAV, ACE, ADVANC, AEONTS, AMATA, AOT, AP, BAM, BANPU, BBL, BCH, BCP, BCPG, BDMS, BEC, BEM, BGRIM, BH, BJC, BTS, CBG, CENTEL, CHG, CK, CKP, COM7, CPALL, CPF, CPN, CRC, DELTA, DOHOME, DTAC, EA, EGCO, ESSO, GLOBAL, GPSC, GULF, GUNKUL, HANA, HMPRO, ICHI, INTUCH, IRPC, IVL, JAS, JMART, JMT, KBANK, KCE, KKP, KTB, KTC, LH, MAJOR, MEGA, MINT, MTC, NRF, OR, ORI, OSP, PLANB, PRM, PSL, PTG, PTL, PTT, PTTEP, PTTGC, QH, RATCH, RBF, RS, SAWAD, SCB, SCC, SCGP, SINGER, SPALI, SPRC, STA, STEC, STGT, SUPER, SYNEX, TASCO, TCAP, THANI, TISCO, TKN, TOP, TQM, TRUE, TTB, TU, TVO, VGI, WHA

Corporate Governance Report:

The disclosure of the survey result of the Thai Institute of Directors Association ("IOD") regarding corporate governance is made pursuant to the policy of the Office of the Securities and Exchange Commission. The survey of the IOD is based on the information of a company listed on the Stock Exchange of Thailand and the Market for Alternative Investment disclosed to the public and able to be accessed by a general public investor. The result, therefore, is from the perspective of a third party. It is not an evaluation of operation and is not based on inside information.

The survey result is as of the date appearing in the Corporate Governance Report of Thai Listed Companies. As a result, the survey result may be changed after that date. CGS-CIMB Thailand does not confirm nor certify the accuracy of such survey result.

Score Range:	90 - 100	80 – 89	70 - 79	Below 70	No Survey Result
Description:	Excellent	Very Good	Good	N/A	N/A

United Arab Emirates: The distributor of this report has not been approved or licensed by the UAE Central Bank or any other relevant licensing authorities or governmental agencies in the United Arab Emirates. This report is strictly private and confidential and has not been reviewed by, deposited or registered with UAE Central Bank or any other licensing authority or governmental agencies in the United Arab Emirates. This report is being issued outside the United Arab Emirates to a limited number of institutional investors and must not be provided to any person other than the original recipient and may not be reproduced or used for any other purpose. Further, the information contained in this report is not intended to lead to the sale of investments under any subscription agreement or the conclusion of any other contract of whatsoever nature within the territory of the United Arab Emirates.

United Kingdom and European Economic Area (EEA): In the United Kingdom and European Economic Area, this material is also being distributed by CGS-CIMB Securities (UK) Limited ("CGS-CIMB UK"). CGS-CIMB UK is authorized and regulated by the Financial Conduct Authority and its registered office is at 53 New Broad Street, London EC2M 1JJ. The material distributed by CGS-CIMB UK has been prepared in accordance with CGS-CIMB's policies for managing conflicts of interest arising as a result of publication and distribution of this material. This material is for distribution only to, and is solely directed at, selected persons on the basis that those persons: (a) are eligible counterparties and professional clients of CGS-CIMB UK; (b) have professional experience in matters relating to investments falling within Article 19(5) of the Financial Services and Markets Act 2000 (Financial Promotion) Order 2005 (as amended, the "Order"), (c) fall within Article 49(2)(a) to (d) ("high net worth companies, unincorporated associations etc") of the Order; (d) are outside the United Kingdom subject to relevant regulation in each jurisdiction, material (all such persons together being referred to as "relevant persons"). This material is directed only at relevant persons and must not be acted on or relied on by persons who are not relevant persons. Any investment or investment activity to which this material relates is available only to relevant persons and will be engaged in only with relevant persons.

This material is categorised as non-independent for the purposes of CGS-CIMB UK and therefore does not provide an impartial or objective assessment of the subject matter and does not constitute independent research. Consequently, this material has not been prepared in accordance with legal requirements designed to promote the independence of research and will not be subject to any prohibition on dealing ahead of the dissemination of research. Therefore, this material is considered a marketing communication.

United States: This research report is distributed in the United States of America by CGS-CIMB Securities (USA) Inc, a U.S. registered broker-dealer and an affiliate of CGS-CIMB Securities Sdn. Bhd., CGS-CIMB Securities (Singapore) Pte Ltd, PT CGS-CIMB Sekuritas Indonesia, CGS-CIMB Securities (Thailand) Co. Ltd, CGS-CIMB Securities (Hong Kong) Limited and CGS-CIMB Securities (India) Private Limited, and is distributed solely to persons who qualify as "U.S. Institutional Investors" as defined in Rule 15a-6 under the Securities and Exchange Act of 1934. This communication is only for Institutional Investors whose ordinary business activities involve investing in shares, bonds, and associated securities and/or derivative securities and who have professional experience in such investments. Any person who is not a U.S. Institutional Investor or Major Institutional Investor must not rely on this communication. The delivery of this research report to any person in the United States of America is not a recommendation to effect any transactions in the securities discussed herein, or an endorsement of any opinion expressed herein. CGS-CIMB Securities (USA) Inc, is a FINRA/SIPC member and takes responsibility for the content of this report. For further information or to place an order in any of the above-mentioned securities please contact a registered representative of CGS-CIMB Securities (USA) Inc.

CGS-CIMB Securities (USA) Inc. does not make a market on other securities mentioned in the report.

CGS-CIMB Securities (USA) Inc. has not managed or co-managed a public offering of any of the securities mentioned in the past 12 months.

CGS-CIMB Securities (USA) Inc. has not received compensation for investment banking services from any of the company mentioned in the past 12 months.

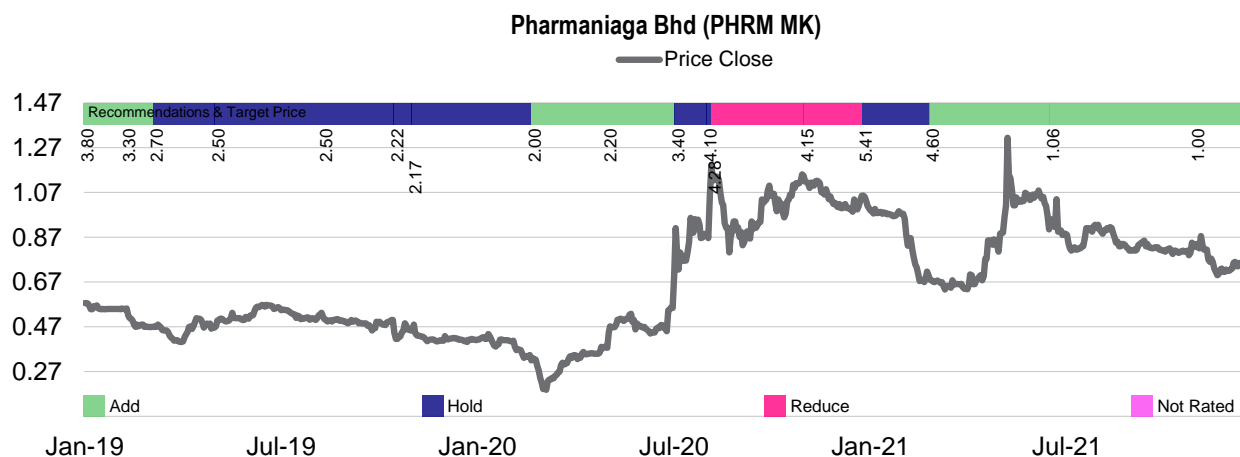
CGS-CIMB Securities (USA) Inc. neither expects to receive nor intends to seek compensation for investment banking services from any of the company mentioned within the next 3 months.

United States Third-Party Disclaimer: If this report is distributed in the United States of America by Raymond James & Associates, Inc ("RJA"), this report is third-party research prepared for and distributed in the United States of America by RJA pursuant to an arrangement between RJA and CGS-CIMB Securities International Pte. Ltd. ("CGS-CIMB"). CGS-CIMB is not an affiliate of RJA. This report is distributed solely to persons who qualify as "U.S. Institutional Investors" or as "Major U.S. Institutional Investors" as defined in Rule 15a-6 under the Securities and Exchange Act of 1934, as amended. This communication is only for U.S. Institutional Investors or Major U.S. Institutional Investor whose ordinary business activities involve investing in shares, bonds, and associated securities and/or derivative securities and who have professional experience in such investments. Any person who is not a U.S. Institutional Investor or Major U.S. Institutional Investor must not rely on this communication. The delivery of this report to any person in the U.S. is not a recommendation to effect any transactions in the securities discussed herein, or an endorsement of any opinion expressed herein. If you are receiving this report in the U.S from RJA, a FINRA/SIPC member, it takes responsibility for the content of this report. For further information or to place an order in any of the above-mentioned securities please contact a registered representative of CGS-CIMB Securities (USA) Inc. or RJA. <https://raymondjames.com/InternationalEquityDisclosures>

Other jurisdictions: In any other jurisdictions, except if otherwise restricted by laws or regulations, this report is only for distribution to professional, institutional or sophisticated investors as defined in the laws and regulations of such jurisdictions.

Distribution of stock ratings and investment banking clients for quarter ended on 31 December 2021		
619 companies under coverage for quarter ended on 31 December 2021		
	Rating Distribution (%)	Investment Banking clients (%)
Add	71.1%	1.5%
Hold	21.8%	0.0%
Reduce	7.1%	0.0%

Spitzer Chart for stock being researched (2 year data)



Corporate Governance Report of Thai Listed Companies (CGR). CG Rating by the Thai Institute of Directors Association (Thai IOD) in 2021, Anti-Corruption 2021

ADVANC – Excellent, Certified, **AMATA** – Excellent, Certified, **ANAN** – Excellent, n/a, **AOT** – Excellent, n/a, **AP** – Excellent, Certified, **ASP** – Excellent, n/a, **AWC** – Excellent, Declared, **AU** – Good, n/a, **BAM** – Very Good, Certified, **BAY** – Excellent, Certified, **BBL** – Excellent, Certified, **BCH** – Very Good, Certified, **BCP** - Excellent, Certified, **BCPG** – Excellent, Certified, **BDMS** – Excellent, n/a, **BEAUTY** – Good, n/a, **BEM** – Excellent, n/a **BH** - Good, n/a, **BJC** – Very Good, n/a, **BLA** – Very Good, Certified, **BTS** - Excellent, Certified, **CBG** – Very Good, n/a, **CCET** – n/a, n/a, **CENTEL** – Excellent, Certified, **CHAYO** – Very Good, n/a, **CHG** – Very Good, n/a, **CK** – Excellent, n/a, **COM7** – Excellent, Certified, **CPALL** – Excellent, Certified, **CPF** – Excellent, Certified, **CPN** - Excellent, Certified, **CPNREIT** – n/a, n/a, **CRC** – Excellent, Declared, **DELTA** - Excellent, Certified, **DDD** – Excellent, n/a, **DIF** – n/a, n/a, **DOHOME** – Very Good, Declared, **DREIT** – n/a, n/a, **DTAC** – Excellent, Certified, **ECL** – Excellent, Certified, **EGCO** - Excellent, Certified, **EPG** – Excellent, Certified, **ERW** – Very Good, Certified, **GFPT** - Excellent, Certified, **GGC** – Excellent, Certified, **GLOBAL** – Excellent, n/a, **HANA** - Excellent, Certified, **HMPRO** - Excellent, Certified, **HUMAN** – Good, n/a, **ICHI** – Excellent, Certified, **III** – Excellent, Declared, **INTUCH** - Excellent, Certified, **IRPC** – Excellent, Certified, **ITD** – Very Good, n/a, **IVL** - Excellent, Certified, **JASIF** – n/a, n/a, **JKN** – n/a, Certified, **JMT** – Very Good, n/a, **KBANK** - Excellent, Certified, **KCE** - Excellent, Certified, **KEX** – Very Good, Declared, **KKP** – Excellent, Certified, **KSL** – Excellent, Certified, **KTB** - Excellent, Certified, **KTC** – Excellent, Certified, **LH** - Excellent, n/a, **LPN** – Excellent, Certified, **M** – Very Good, Certified, **MAKRO** – Excellent, Certified, **MC** – Excellent, Certified, **MEGA** – Very Good, n/a, **MINT** - Excellent, Certified, **MTC** – Excellent, Certified, **NETBAY** – Very Good, n/a, **NRF** – Very Good, Declared, **OR** – Excellent, n/a, **ORI** – Excellent, Certified, **OSP** – Excellent, n/a, **PLANB** – Excellent, Certified, **PRINC** – Very Good, Certified, **PR9** – Excellent, Declared, **PSH** – Excellent, Certified, **PTT** - Excellent, Certified, **PTTEP** - Excellent, n/a, **PTTGC** - Excellent, Certified, **QH** – Excellent, Certified, **RAM** – n/a, n/a, **RBF** – Very Good, n/a, **RS** – Excellent, Declared, **RSP** – Good, n/a, **S** – Excellent, n/a, **SAK** – Very Good, Declared, **SAPPE** – Very Good, Certified, **SAWAD** – Very Good, n/a, **SCB** - Excellent, Certified, **SCC** – Excellent, Certified, **SCGP** – Excellent, Declared, **SECURE** – n/a, n/a, **SHR** – Excellent, n/a, **SIRI** – Excellent, Certified, **SPA** – Very Good, n/a, **SPALI** - Excellent, Certified, **SPRC** – Excellent, Certified, **SSP** - Good, Certified, **STEC** – Excellent, n/a, **SVI** – Excellent, Certified, **SYNEX** – Very Good, Certified, **TCAP** – Excellent, Certified, **THANI** – Excellent, Certified, **TIDLOR** – n/a, Certified **TISCO** - Excellent, Certified, **TKN** – Very Good, n/a, **TOP** - Excellent, Certified, **TRUE** – Excellent, Certified, **TTB** - Excellent, Certified, **TU** – Excellent, Certified, **TVO** – Excellent, Certified, **VGI** – Excellent, Certified, **WHA** – Excellent, Certified, **WHART** – n/a, n/a, **WICE** – Excellent, Certified, **WORK** – Good, n/a.

- CG Score 2021 from Thai Institute of Directors Association (IOD)

- Companies participating in Thailand's Private Sector Collective Action Coalition Against Corruption programme (Thai CAC) under Thai Institute of Directors (as of August 5, 2021) are categorised into: companies that have declared their intention to join CAC, and companies certified by CAC.

Recommendation Framework	
Stock Ratings	Definition:
Add	The stock's total return is expected to exceed 10% over the next 12 months.
Hold	The stock's total return is expected to be between 0% and positive 10% over the next 12 months.
Reduce	The stock's total return is expected to fall below 0% or more over the next 12 months.
<i>The total expected return of a stock is defined as the sum of the: (i) percentage difference between the target price and the current price and (ii) the forward net dividend yields of the stock. Stock price targets have an investment horizon of 12 months.</i>	
Sector Ratings	Definition:
Overweight	An Overweight rating means stocks in the sector have, on a market cap-weighted basis, a positive absolute recommendation.
Neutral	A Neutral rating means stocks in the sector have, on a market cap-weighted basis, a neutral absolute recommendation.
Underweight	An Underweight rating means stocks in the sector have, on a market cap-weighted basis, a negative absolute recommendation.
Country Ratings	Definition:
Overweight	An Overweight rating means investors should be positioned with an above-market weight in this country relative to benchmark.
Neutral	A Neutral rating means investors should be positioned with a neutral weight in this country relative to benchmark.
Underweight	An Underweight rating means investors should be positioned with a below-market weight in this country relative to benchmark.

