

Maravai

4Q and '24 guide come in ahead; Early encouraging signs for 'Maravai 3.0'

Reiterate Rating: BUY | PO: 9.00 USD | Price: 5.11 USD

Broad 4Q beat, sales and Adj EBITDA ahead

Maravai (MRVI) reported 4Q23 results with sales of \$74.1mn vs. BofAe/Street \$63mn/\$64mn. Nucleic Acid Production (NAP) sales were \$59mn, composed of roughly \$18mn of COVID-19 (C19; vs BofA \$19mn) and \$41mn from the core business (vs BofAe \$33mn). Biologics Safety Testing (BST) sales were \$15mn (BofAe \$14mn). GM of 52.6% and Adj EBITDA margin of 27.7% were both ahead of BofAe on volume leverage and cost cutting efforts. Adj EPS of 1c were ahead of BofAe/Street Oc/-1c.

FY24: Sales ahead (on COVID), EBITDA in-line

MRVI initiated 2024 guidance, which has some interesting moving pieces. Total revenues are expected to be \$265mn-\$285mn (ahead of Street) but includes \$50mn of 'committed orders' (vs our prior estimate of \$30mn tied to COVID). Mgmt. also noted that they won't be providing further commentary on COVID contribution going forward. Adj EBITDA margin is expected to be only 23%-25%, despite achieving 28% in 4Q23. In 1Q, MRVI expects to see 22% of FY revs (~\$60mn), and mid-teens Adj EBITDA margin.

Slow and steady progress as MRVI re-emerges

Mgmt. spent much of the call discussing 'Maravai 3.0'. This is a cleaner version of MRVI than we've seen in prior years, and as end-markets stabilize and headwinds fade, should see further acceleration in growth and profitability. Still, we acknowledge that the transformation is proceeding slower than we had hoped (i.e., the lower margin guide in '24) - and it remains to be seen if this is indicative of the major challenges the company faces or is a measure of conservatism.

Reiterate Buy; MRVI is attractive (in several ways)

Our recent upgrade of MRVI (<u>see our Dec. 2023 report</u>) was founded on the view that MRVI was bottoming, and we saw several drivers of upside in 2024 and beyond. C19 headwinds are almost out of the stock, while base-business demand is starting to stabilize. MRVI's cost actions are also starting to bear fruit (although a long road remains). Finally, MRVI's valn. remains compelling, esp. in light of multiple potential strategic acquirers in the Tools universe. For these reasons, we reit. our Buy rating. We adjust our ests and our PO moves from \$8 to \$9, based on 30x total FY25 EBITDA (was 30x FY24 non-covid EBITDA) which we see as appropriate given MRVI's post-pandemic progress.

| Fatimates (Des) (US\$) | 20224 | 20224 | 20245 | 20255 | 20265 |
|--|-------|--------|--------|--------|--------|
| Estimates (Dec) (US\$) | 2022A | 2023A | 2024E | 2025E | 2026E |
| EPS | 1.80 | 0.03 | 0.03 | 0.09 | 0.20 |
| GAAP EPS | 1.67 | (0.90) | 0.03 | 0.07 | 0.16 |
| EPS Change (YoY) | 13.2% | -98.3% | 0% | 200.0% | 122.2% |
| Consensus EPS (Bloomberg) | | | 0.03 | 0.09 | 0.16 |
| DPS | 0 | 0 | 0 | 0 | 0 |
| Valuation (Dec) | | | | | |
| P/E | 2.8x | 170.3x | 170.3x | 56.8x | 25.6x |
| GAAP P/E | 3.1x | NM | 170.3x | 73.0x | 31.9x |
| EV / EBITDA* | 2.9x | 27.9x | 27.6x | 19.6x | 13.6x |
| Free Cash Flow Yield* | 40.5% | -7.6% | 3.4% | 2.7% | 5.2% |
| * For full definitions of <i>IQ</i> method SM measures, see page 4. | | | | | |

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Refer to important disclosures on page 5 to 7. Analyst Certification on page 3. Price
Objective Basis/Risk on page 3.

Timestamp: 22 February 2024 11:51PM EST

22 February 2024

Equity

| Key Changes | | |
|---------------|----------|---------|
| (US\$) | Previous | Current |
| Price Obj. | 8.00 | 9.00 |
| 2024E Rev (m) | 265.0 | 275.0 |
| 2025E Rev (m) | 285.0 | 295.0 |
| 2026E Rev (m) | NA | 330.0 |
| 2024E EPS | 0.11 | 0.03 |
| 2025E EPS | 0.18 | 0.09 |
| 2026E EPS | NA | 0.20 |

Michael Ryskin

Research Analyst BofAS +1 646 855 4373 michael.ryskin@bofa.com

Derik de Bruin Research Analyst

BofAS +1 646 855 3100 derik.de_bruin@bofa.com

Avantika Dhabaria

Research Analyst BofAS

+1 646 743 0170 avantika.dhabaria@bofa.com

Wolf Chanoff

Research Analyst

+1 646 954 8482

wolf.chanoff@bofa.com

John Kim

Research Analyst

+1 646 855 3874 john.kim4@bofa.com

Stock Data

| 5.11 USD |
|----------------------|
| 9.00 USD |
| 22-Feb-2024 |
| C-1-9 |
| 4.52 USD - 16.90 USD |
| 1,282 USD / 251.0 |
| 80.7% |
| 10.31 USD |
| MRVI / NAS |
| MRVI US / MRVI.OQ |
| 2.4% |
| -0.8% |
| Low |
| |

ESGMeter is not indicative of a company's future stock price performance and is not an investment recommendation or rating, ESGMeter is independent of BofA Global Research's equity investment rating, volatility risk rating, income rating, and price objective for that company. For full details, refer to "BofA ESGMeter Methodology."

iQprofile[™] Maravai

| 2022A | 2023A | 2024E | 2025E | 2026E |
|--|---|---|---|---|
| 25.5% | -0.7% | -1.3% | -1.1% | 0.2% |
| 106.8% | 1.3% | 2.4% | 20.1% | 27.2% |
| 64.1% | -11.0% | -10.5% | -6.4% | 0.8% |
| 519 | (98) | 43 | 34 | 67 |
| | | | | |
| 2022A | 2023A | 2024E | 2025E | 2026 |
| 1.2x | -5.6x | 10.0x | 2.6x | 1.8> |
| 0.5x | 1.5x | 0.7x | 0.6x | 0.5> |
| 11.0% | 122.4% | 24.0% | 24.0% | 24.0% |
| -11.6% | -0.8% | -11.0% | -16.6% | -25.0% |
| 31.8x | -1.7x | -1.0x | -0.6x | 0.1> |
| | | | | |
| 2022A | 2023A | 2024E | 2025E | 2026 |
| | | | | 330 |
| | | | | 11.9% |
| 714 | 140 | 133 | 149 | 180 |
| 8.2% | -80.4% | -4.8% | 11.7% | 20.7% |
| 638 | 65 | 66 | 93 | 134 |
| 9.5% | -89.8% | 1.1% | 40.8% | 44.5% |
| (23) | 649 | (34) | (37) | (40) |
| 459 | 7 | 7 | 24 | 53 |
| 12.1% | -98.5% | 9.8% | 232.7% | 117.9% |
| 2022A | 2023A | 2024E | 2025E | 2026 |
| | . , | , , | . , | (29) |
| | | | | 56 |
| , , | | | , , | (4) |
| | | | | NA 73 |
| | | | | (30 |
| | . , | | | 67 |
| | | | | 97.1% |
| | | | | 37.170 |
| | | 0 | 0 | C |
| (5) | 0 | 0 | 0 | C |
| | | | | |
| 2022A | 2023A | 2024E | 2025E | 2026 |
| 632 | 534 | 578 | 612 | 679 |
| 139 | 45 | 43 | 46 | 52 |
| 77 | 76 | 47 | 49 | 51 |
| 53 | 154 | 154 | 154 | 154 |
| 1,382 | 1,413 | 430 | 462 | 516 |
| | | 1,251 | 1,322 | 1 451 |
| 2,282 | 2,222 | 1,231 | 1,322 | 1,451 |
| 5 | 5 | 5 | 5 | |
| 5 105 | 5 38 | 5 36 | 5 38 | 42 |
| 5 | 5 | 5 36 522 | 5 38 522 | 42 |
| 5 105 522 745 | 5 38 522 777 | 5 36 522 232 | 5 38 522 249 | 42 522 278 |
| 5 105 522 745 1,377 | 5 38 522 777 1,343 | 5 36 522 232 795 | 5 38 522 249 814 | 5 42 522 278 848 |
| 5 105 522 745 | 5 38 522 777 | 5 36 522 232 | 5 38 522 249 | 1,451 5 42 522 278 848 603 1,451 |
| | 25.5% 106.8% 64.1% 519 2022A 1.2x 0.5x 11.0% -11.6% 31.8x 2022A 883 10.5% 714 8.2% 638 9.5% (23) 459 12.1% 2022A 491 32 (45) NA 59 (17) 519 46.7% 2 0 (5) 2022A 632 139 77 53 | 25.5% -0.7% 106.8% 1.3% 64.1% -11.0% 519 (98) 2022A 2023A 1.2x -5.6x 0.5x 1.5x 11.0% 122.4% -11.6% -0.8% 31.8x -1.7x 2022A 2023A 883 289 10.5% -67.3% 714 140 8.2% -80.4% 638 65 9.5% -89.8% (23) 649 459 7 12.1% -98.5% 2022A 2023A 491 (138) 32 40 (45) 28 NA NA S9 33 (17) (60) 519 -98 46.7% NM 2 0 0 0 (5) 0 0 0 (5) 0 0 2022A 2023A 632 534 139 45 77 76 53 154 | 25.5% -0.7% -1.3% 106.8% 1.3% 2.4% 64.1% -11.0% -10.5% 519 (98) 43 2022A 2023A 2024E 1.2x -5.6x 10.0x 0.5x 1.5x 0.7x 11.0% 122.4% 24.0% -11.6% -0.8% -11.0% 31.8x -1.7x -1.0x 2022A 2023A 2024E 883 289 275 10.5% -67.3% -4.8% 638 65 66 9.5% -89.8% 1.1% (23) 649 (34) 459 7 7 12.1% -98.5% 9.8% 2024 2023A 2024E 491 (138) (48) 32 40 46 (45) 28 29 NA NA NA 59 33 46 | 25.5% -0.7% -1.3% -1.1% 106.8% 1.3% 2.4% 20.1% 64.1% -11.0% -10.5% -6.4% 519 (98) 43 34 2022A 2023A 2024E 2025E 1.2x -5.6x 10.0x 2.6x 0.5x 1.5x 0.7x 0.6x 11.0% 122.4% 24.0% 24.0% -11.6% -0.8% -11.0% -16.6% 31.8x -1.7x -1.0x -0.6x 2022A 2023A 2024E 2025E 883 289 275 295 10.5% -67.3% -4.8% 7.3% 714 140 133 149 8.2% -80.4% -4.8% 11.7% 638 65 66 93 9.5% -89.8% 1.1% 40.8% (23) 649 (34) (37) 459 7 7 24 |

Company Sector

Medical Technology

Company Description

Maravai provides products and services used in the discovery, development, and manufacture of therapeutics, vaccines, and diagnostics across the Life Sciences industry. Maravai's product portfolio is diverse, but the company is highly exposed to mRNA-based therapeutics and supplies a key component used in Pfizer/BioNTech's COVID-19 mRNA vaccine (among others).

Investment Rationale

Maravai (MRVI) is particularly well-positioned, with exposure to some of the highest growing sub-segments of the LST industry - Cell & Gene Therapy, mRNA therapeutics, and Biologics drug manufacturing. We believe that MRVI shares warrant a premium to many other Life Science Tools companies due to its high growth rate & strong financial profile. As COVID headwinds fade and the company returns to historical operational levels, we see MRVI as a uniquely attractive asset in Life Science Tools

Stock Data

Average Daily Volume 2,017,178

Quarterly Earnings Estimates

| | 2023 | 2024 |
|----|--------|--------|
| Q1 | 0.03A | -0.02E |
| Q2 | 0A | 0.01E |
| Q3 | -0.01A | 0.01E |
| 04 | 0.01A | 0.02E |

* For full definitions of \emph{IQ} method $^{\text{SM}}$ measures, see page 4.

Price objective basis & risk

Maravai (MRVI)

Our \$9 PO is based on a 30x FY25 EV/EBITDA multiple. Our multiple is amongst the upper end/premium growth names across the broader Life Science Tools peer group. We think this multiple is justified given the high revenue growth rate and strong financial profile, while accounting for the transient nature of Maravai's COVID-19 tailwinds.

Upside risks to our PO are stronger growth in the base-business, a recovery in the margin profile towards the 40%+ range, and MRVI's potential as a take-out target.

Downside risks to our PO are lower market share positions by Maravai's COVID-19 vaccine customers (that is, Pfizer/BioNTech), as well as commercial, market, and execution risks, and increased competition.

Analyst Certification

I, Michael Ryskin, hereby certify that the views expressed in this research report accurately reflect my personal views about the subject securities and issuers. I also certify that no part of my compensation was, is, or will be, directly or indirectly, related to the specific recommendations or view expressed in this research report.

US - Life Science, Diagnostic Tools and Animal Health Coverage Cluster

| Investment rating | Company | BofA Ticker | Bloomberg symbol | Analyst |
|-------------------|------------------------------|-------------|------------------|----------------|
| BUY | | | | |
| | Avantor, Inc. | AVTR | AVTR US | Michael Ryskin |
| | Bruker Corporation | BRKR | BRKR US | Derik de Bruin |
| | Certara | CERT | CERT US | Michael Ryskin |
| | Charles River Laboratories | CRL | CRL US | Derik de Bruin |
| | Elanco Animal Health | ELAN | ELAN US | Michael Ryskin |
| | Exact Sciences | EXAS | EXAS US | Derik de Bruin |
| | Guardant Health | GH | GH US | Derik de Bruin |
| | ICON plc | ICLR | ICLR US | Derik de Bruin |
| | IQVIA Holdings Inc | IQV | IQV US | Derik de Bruin |
| | LabCorp | LH | LH US | Derik de Bruin |
| | Maravai | MRVI | MRVI US | Michael Ryskin |
| | Qiagen | QGEN | QGEN US | Derik de Bruin |
| | Qiagen N.V. | XQGNF | QIA GY | Derik de Bruin |
| | Quest Diagnostics | DGX | DGX US | Derik de Bruin |
| | Stevanato Group S.p.A. | STVN | STVN US | Derik de Bruin |
| | Thermo Fisher Scientific | TMO | TMO US | Derik de Bruin |
| | West Pharmaceutical Services | WST | WST US | Derik de Bruin |
| | Zoetis Inc. | ZTS | ZTS US | Michael Ryskin |
| NEUTRAL | | | | |
| | 10x Genomics, Inc. | TXG | TXG US | Michael Ryskin |
| | Agilent Technologies | Α | A US | Derik de Bruin |
| | Danaher Corporation | DHR | DHR US | Michael Ryskin |
| | Evotec SE | EVO | EVO US | Michael Ryskin |
| | Hologic, Inc. | HOLX | HOLX US | Derik de Bruin |
| | IDEXX Laboratories | IDXX | IDXX US | Michael Ryskin |
| | Mettler-Toledo | MTD | MTD US | Derik de Bruin |
| | NeoGenomics Inc. | NEO | NEO US | Derik de Bruin |
| | Revvity Inc | RVTY | RVTY US | Derik de Bruin |
| | Schrodinger, Inc. | SDGR | SDGR US | Michael Ryskin |
| | Waters Corp. | WAT | WAT US | Derik de Bruin |



US - Life Science, Diagnostic Tools and Animal Health Coverage Cluster

| Investment rating | Company | BofA Ticker | Bloomberg symbol | Analyst |
|-------------------|-------------------------------|-------------|------------------|----------------|
| UNDERPERFORM | | | | |
| | Align Technology | ALGN | ALGN US | Michael Ryskin |
| | Fortrea | FTRE | FTRE US | Derik de Bruin |
| | Ginkgo Bioworks Holdings, Inc | DNA | DNA US | Derik de Bruin |
| | Illumina, Inc. | ILMN | ILMN US | Michael Ryskin |
| | Myriad Genetics | MYGN | MYGN US | Derik de Bruin |
| | Phibro Animal Health | PAHC | PAHC US | Michael Ryskin |
| | | | | |
| | | | | |

*IQ*method[™] Measures Definitions

| Business Performance | Numerator | Denominator |
|----------------------------|--|---|
| Return On Capital Employed | NOPAT = (EBIT + Interest Income) \times (1 $-$ Tax Rate) + Goodwill Amortization | Total Assets – Current Liabilities + ST Debt + Accumulated Goodwill Amortization |
| Return On Equity | Net Income | Shareholders' Equity |
| Operating Margin | Operating Profit | Sales |
| Earnings Growth | Expected 5 Year CAGR From Latest Actual | N/A |
| Free Cash Flow | Cash Flow From Operations – Total Capex | N/A |
| Quality of Earnings | Numerator | Denominator |
| Cash Realization Ratio | Cash Flow From Operations | Net Income |
| Asset Replacement Ratio | Capex | Depreciation |
| Tax Rate | Tax Charge | Pre-Tax Income |
| Net Debt-To-Equity Ratio | Net Debt = Total Debt - Cash & Equivalents | Total Equity |
| Interest Cover | EBIT | Interest Expense |
| Valuation Toolkit | Numerator | Denominator |
| Price / Earnings Ratio | Current Share Price | Diluted Earnings Per Share (Basis As Specified) |
| Price / Book Value | Current Share Price | Shareholders' Equity / Current Basic Shares |
| Dividend Yield | Annualised Declared Cash Dividend | Current Share Price |
| Free Cash Flow Yield | Cash Flow From Operations — Total Capex | Market Cap = Current Share Price × Current Basic Shares |
| Enterprise Value / Sales | EV = Current Share Price × Current Shares + Minority Equity + Net Debt + | Sales |
| | Other LT Liabilities | |
| EV / EBITDA | Enterprise Value | Basic EBIT + Depreciation + Amortization |
| | | |

Manethod 3^M is the set of BofA Global Research standard measures that serve to maintain global consistency under three broad headings: Business Performance, Quality of Earnings, and validations. The key features of iQmethod are: A consistently structured, detailed, and transparent methodology. Guidelines to maximize the effectiveness of the comparative valuation process, and to identify some common pitfalls.

Redatabase is our real-time global research database that is sourced directly from our equity analysts' earnings models and includes forecasted as well as historical data for income statements, balance sheets, and cash flow statements for companies covered by BofA Global Research.

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Disclosures

Important Disclosures

Maravai (MRVI) Price Chart



B: Buy, N: Neutral, U: Underperform, PO: Price Objective, NA: No longer valid, NR: No Rating

The Investment Opinion System is contained at the end of the report under the heading "Fundamental Equity Opinion Key". Dark grey shading indicates the security is restricted with the opinion suspended. Medium grey shading indicates the security is under review with the opinion withdrawn. Light grey shading indicates the security is not covered. Chart is current as of a date no more than one trading day prior to the date of the report.

Equity Investment Rating Distribution: Health Care Group (as of 31 Dec 2023)

| Coverage Universe | Count | Percent | Inv. Banking Relationships R1 | Count | Percent |
|-------------------|-------|---------|-------------------------------|-------|---------|
| Buy | 234 | 60.94% | Buy | 115 | 49.15% |
| Hold | 80 | 20.83% | Hold | 36 | 45.00% |
| Sell | 70 | 18.23% | Sell | 29 | 41.43% |

Equity Investment Rating Distribution: Global Group (as of 31 Dec 2023)

| Coverage Universe | Count | Percent | Inv. Banking Relationships R1 | Count | Percent |
|-------------------|-------|---------|-------------------------------|-------|---------|
| Buy | 1895 | 53.62% | Buy | 1083 | 57.15% |
| Hold | 832 | 23.54% | Hold | 454 | 54.57% |
| Sell | 807 | 22.84% | Sell | 383 | 47.46% |

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Investment rating Total return expectation (within 12-month period of date of initial rating) Ratings dispersion guidelines for coverage cluster^{R2}

| Buy | ≥ 10% | ≤ /0% |
|--------------|-------|-------|
| Neutral | ≥ 0% | ≤ 30% |
| Underperform | N/A | ≥ 20% |

R2Ratings dispersions may vary from time to time where BofA Global Research believes it better reflects the investment prospects of stocks in a Coverage Cluster.

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