**Quarterly Report (Q1– 2023)**

**-Arvind Krishna Report Date: June 11, 2023**

**VRTX**

Vertex beat Q1 estimates for earnings & sales. **Q2 -2023 Earnings Announcement Expected:** Aug 3, 2023.

Vertex’s shares have risen 14.4% this year so far against a decrease of 7.3% for the industry. Over the past year Vertex shares are up 30.5% versus a gain of 10.1% for the broader market.

SSG % change - Sales from year ago quarter: 13.2% - double-digit revenue growth over the last several yrs.

SSG % change - Earnings per Share from year ago quarter: -9.1%

**Is company meeting our target sales & earnings estimates?** VRTX Q1 total revenues of $2.37 billion, comprised fully of CF product revenues. Total revenues rose 13% year over year, primarily driven by higher international sales - Trikafta. Adjusted EPS fell 13% year over year due to higher acquired IPR&D and R&D expenses incurred during the quarter, which were partially offset by strong growth in product revenues.

(On Feb 1, Vertex’s board of directors approved a new share repurchase program, authorizing repurchase of up to $3.0 billion of its common Stock).

 **SSG Sales 2 yrs. Estimate** +08.5%

 **SSG EPS LT estimate** +44.4%

Pre-tax Profit on sales trend? **UP**

Return on equity trends? **Down**

Debt? (Up, even, down) **Down**

5 Yr. LT Historical Sales Forecast: 9% (13,741) - Historical EPS Forecast: 8.1% (18.92) Calculated by PP method

Current P/E is **26.6** where does it fall in my estimated High/Low range of P/E's? **In-line with High**

Signature (Average) P/E = (**22.4** Corrected with deleting High and Low P/Es for 2019)

**Dividend Yield:** None

MICNOVA Club cost basis: **$220.20** Current Price (3/14/2023) is **$294.33**

 (From latest valuation) (52 WK. Range: $354.46 - $243.17)

**Morningstar** Current Fair Value (11/1/22): **$306** – **3 star** (2/8/23) **HOLD**

**CFRA 12 - Month Target (**6/11/23**): $375.0 Fair Value Calculation (**6/11/23**): $372.19 – 4 star – BUY**

**VL (06/2/2023)** 18-Month Target Price Range: Low-High-Midpoint (% to Mid) $231-$415 & Mid Pt $323 (-5%)

**VL (2026-28 PROJECTIONS)** Ann’l Total Price (Gain) Return High: $505 (+50%) 10% Low: $370 (+10%) 2%

**ZACK:** 6/12 Months target - $347 **(**06/09/23**) Recommend: Neutral**

**ARGUS:** 6/12/2023, **BUY,** Argus target price is $350.00 representing a 4.76% gain from the current level.

**Fidelity Equity Ratings: Bullish Schwab Rating: HOLD Reuters:** **BUY**

**Manifest Investing (6/9/23):** Quality – 51; PAR – 4.9%; Fin– 84; EPS- 42; Projected Avg. Price: $424.43

**My SSG Results – HOLD (6/11/23)** Forecasted Low Price: **$243.6** High Price: **$511.0**

Total Return (HIGH P/E) is **8.9%**  Projected Return (AVG. P/E) is **5.4%**

Upside downside Ratio: **2 to 1** Market Appreciation based on Forecasted High Price: **54.2%**

Buy price - satisfy US/DS of 3 to 1 (15% return): **$254; Recommend BUY at or below: $310.40**

**SSG Analysis: HOLD – Buy Zone**: $243.6 - $310.4; **Hold Zone:** $310.4 - $444.1: **Sell Zone:** $444.1 - $511.0

**What Will Drive Future Growth?**

**ZACK** (6/07/23**)** –Vertex’s CF sales continue to grow driven by its triple therapy, Trikafta/Kaftrio. New reimbursement agreements in ex-U.S. markets and label expansions to younger age groups in US are driving its sales higher. Consistent Rise in CF Product Sales; Strong CF Portfolio; Rapidly Progressing Non-CF Pipeline; Collaborations Broadening Pipeline; and Favorable Debt Profile:

**Negatives:** VRTX dependence on just the CF franchise for growth is concerning. Several other companies are working on bringing their CF products to market. Competing Therapies are in Development. Any set backs on the pipeline/regulatory front on non CF therapies undergoing clinical trials can have an adverse impact on shares

**VL** (06/02/2023) **–** Opportunities are vast beyond CF, too. Besides beta thalassemia and sickle cell disease, mid- and late-stage studies continue on such illnesses/conditions as Type 1 diabetes, kidney disease, pain, protein deficiencies, and muscular dystrophy. Vertex stock recently hit another all-time high. Price already reflects much of the growth envisioned.

**CFRA** (6/06/23) **–** VRTX has a first-mover advantage in CF treatment, complemented by potential early- to mid-stage clinical programs outside of CF. Strong patient reliance on VRTX’s CF drugs and currently limited competition to the CF franchise support the cost of diversifying into non-CF businesses. Optimistic about CTX001, a potential one-time cure for sickle cell disease. Trikafta to outperform consensus expectations - VRTX continues to obtain additional reimbursement agreements outside the U.S. & expands the treatable population

**NEGATIVES**: Risks to our opinion and target price include unfavorable regulatory rulings, the emergence of competitive threats (including Abbvie’s potential CF drug), weaker-than-expected margins, and pricing or reimbursement pressures

**MS (Bulls) 5/02/23** – The firm's CF therapies are poised to dominate the lucrative market for the foreseeable future, based on the disease-modifying potential of the drugs, chronic use by patients, and limited competition. Vertex's leading drug candidates were mostly discovered in-house, lending credibility to its drug-discovery technology and potential to generate additional pipeline candidates. Vertex's combination therapies have lengthy patents, protecting the profitable CF portfolio from generics.

**MS (BEARS)** - Vertex is highly dependent on the success of its cystic fibrosis franchise, and it could fail to diversify if its other pipeline candidates are not successful. Pricing pressure could erode returns, given the high price tag of Vertex's therapies. Gene-editing programs could disrupt Vertex's hold in the CF market.

**ECONOMIC MOAT: Narrow**

Vertex's portfolio of patent-protected CF drugs forms the basis of **narrow economic moat**. The company is well supported by lengthy patent protections extending as far as 2037 and first mover status in the lucrative CF market. Additionally, Vertex holds significant patient share as nearly 50% of patients worldwide are currently treated for CF using its medicines.