# Page 1 of 6

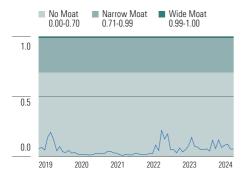
# Ercros SA ECR ★★★ Q 3 May 2024, 22:45 UTC

| onomic Moat <sup>Q</sup><br>DNE | <b>Uncertainty</b> ∝<br>Very High | <b>Price/Fair Value</b> °<br>0.7 | ESG Risk Rating Assessment | Trailing Dividend Yield %   4.28 | Market Cap<br>320.4839 Mil | Investment Style<br>Small Value | <b>Sector</b><br>Basic Mater | Industry<br>ials Chemicals                                       |
|---------------------------------|-----------------------------------|----------------------------------|----------------------------|----------------------------------|----------------------------|---------------------------------|------------------------------|--|
| 20                              |                                   |                                  |                            |                                  |                            |                                 |                              |  |
| 15                              |                                   |                                  |                            |                                  |                            |                                 |                              | Fair Value <sup>Q</sup><br>4.97                                  |
| 10                              |                                   |                                  |                            |                                  |                            |                                 |                              | 4.07   |
| 0.1                             |                                   |                                  | p                          |                                  |                            |                                 | ~~~                          | Last Close<br>3.51<br>Overvalued<br>Fairly Valued<br>Undervalued |
|                                 |                                   | 2015 2016                        | 2017 2018                  | 2019 2020                        | 2021                       | 2022 2023                       |                              | Performance  |
|                                 |                                   | 0.95 1.33                        | 1.40 0.80                  | 0.80 1.07                        | 0.80                       | 0.79 0.52                       |                              | Price/Fair Value®  |
|                                 |                                   | 6.74198.701.81195.67             | 57.61 10.63<br>45.99 22.20 | -15.86 -13.87<br>-31.13 -1.96    | 37.82<br>27.11             | 11.95 -13.89<br>13.17 -40.79    |                              | Total Return %<br>+/- Index                                      |
|                                 | -20.07 0                          | 1.01 133.07                      | 40.00 22.20                | -51.15 -1.50                     | 27.11                      | 13.17 -40.73                    | 23.04                        | 17 11100   |

'The ESG Risk Rating Assessment is a representation of Sustainalytics' ESG Risk Rating. Lee Davidson, Chief Analytics Officer for Morningstar, Inc, oversees the methodology that supports Quantitative Fair Value Estimates and Quantitative Star Ratings. Mr. Davidson is guided by the Morningstar, Inc. Code of Ethics in carrying out his responsibilities. For information regarding Conflicts of Interests, visit http://global.morningstar.com/equitydisclosures.

| Key Metrics as of 1 Ma | y 2024               |      |    |    |    |    |     |  |
|------------------------|----------------------|------|----|----|----|----|-----|--|
| Metrics                | Percentile in Sector |      |    |    |    |    |     |  |
| Earnings Yield (%)     | 9.0                  | 88.0 |    |    |    |    |     |  |
| Sales Yield (%)        | 219.7                | 88.0 |    |    |    |    |     |  |
| Book Value Yield (%)   | 112.8                | 75.0 |    |    |    |    |     |  |
| Return on Assets (%)*  | 2.6                  | 69.0 |    |    |    |    |     |  |
| Revenue(Mil)*          | 841.8                | 77.0 |    |    |    |    |     |  |
| Market Value (Mil)     | 343.9                | 69.0 |    |    |    |    |     |  |
| Enterprise Value (Mil) | 462.5                | 70.0 |    |    |    |    |     |  |
| EVMV Ratio             | 1.4                  | 81.0 |    |    |    |    |     |  |
| Volatility TTM (%)     | 37.3                 | 39.0 | -  |    |    |    |     |  |
| Drawdown TTM (%)       | 31.3                 | 36.0 |    |    |    |    |     |  |
| Volume (K)             | 128.7                | 45.0 |    |    |    |    |     |  |
| *30 Sep 2023           |                      |      | 0% | 25 | 50 | 75 | 100 |  |

## Economic Moat <sup>Q</sup>History as of 3 May 2024



#### **Business Description**

Ercros SA is a chemical manufacturing company operating in basic and plastic chemicals divisions, intermediate chemicals division, and pharmaceuticals division. The company's product portfolio includes Caustic soda, Hydrochloric acid, Sodium chloride, Sodium hypochlorite, Glues and resins, Moulding compounds, Pentaerythritol, Erythromycin, Fosfomycin, Fusidic acid, among others. Its products are supplied to various industries including the chemical industry, construction, wood industry, paints, food industry, pharmaceuticals, electric material, and water treatment. The majority of the revenue is derived from the sale of basic chemicals in the local markets.

### Valuation <sup>Q</sup>as of 3 May 2024

Morningstar affirms a 3-star quantitative rating for Ercros. We calculate this outcome using the company's underlying model-driven valuation and uncertainty scores.

The stock's last closing price was 3.51, a discount of 30.65% to its Quantitative Fair Value estimate of 5.05. This discount has ranged between 53.2% and 22.58% over the past year. The stock's price to fair value ratio is at the 38th percentile in our global equity coverage universe for this methodology and at the 59th percentile relative to its peers in the basic materials sector.

Ercros furthermore holds a Very High quantitative uncertainty rating.

The company's quantitative star rating dates to after 11/24/2023, before which it was 4-star. Similarly, the firm's uncertainty rating changed from Extreme to Very High after 03/26/2024.

We examine the financials and market statistics for Ercros to determine these ratings. Its earnings yield is 8.99% and its trailing 12-month maximum drawdown is 31.33%. These fall at the 82nd and 53rd percentiles in the equity universe and at the 88th and 36th in the basic materials sector, respectively.

### Economic Moat<sup>®</sup> as of 3 May 2024

Morningstar maintains a quantitative moat rating of None on the company. The firm's quantitative moat score of 0.16 sits at the 18th percentile in the basic materials sector. This is a decrease from 0.22, the maximum of its moat scores over the past year. The quantitative financial health rating for Ercros is Moderate. Its financial health score, termed Distance to Default, sits at the 22nd percentile in the universe and 25th percentile in the sector.

The significant drivers of these ratings are the company's book value yield and annualized trailing 12month volatility. The book value yield for Ercros is 113.30%, and its annualized trailing 12-month volatility is 37.25%. They sit at the 76th and 58th percentile in the global equity universe, respectively.

#### Fundamentals as of 3 May 2024

Ercros reports earnings per share of 0.19. The company maintains a dividend yield of 4.26%, paying out 47.63% of earnings. These values are calculated over a trailing 12-month period.

As of last market close, Ercros has a price-to-earnings ratio of 11.13, falling at the 31st percentile in its sector (where a lower percentile means a lower ratio) and ranging between 4.41 and 12.39 over the past year. The company's price-to-free cash flow ratio is 6.44, falling at the 20th percentile in its sector and ranging between 4.19 and 6.79 over the past year.

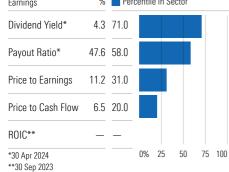
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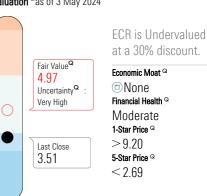


# Ercros SA ECR ★★★ Q 3 May 2024, 22:45 UTC

| Economic Moat ª<br>None | <b>Uncertainty</b> <sup>◦</sup><br>Very High | <b>Price/Fair Value</b> <sup>©</sup><br>0.7 | ESG Risk Rating Assessment <sup>1</sup> | Trailing Dividend Yield %<br>4.28 | Market Cap<br>320.4839 Mil | Investment Style<br>Small Value | <b>Sector</b><br>Basic Materials | Industry<br>Chemicals |
|-------------------------|--|---|---|-----------------------------------|----------------------------|---------------------------------|----------------------------------|-----------------------|
| <b>Earnings</b> as of 1 | May 2024                                     |   | <b>Dividends</b> as of 3                | May 2024                          |                            | Valuation <sup>©</sup> as       | of 3 May 2024                    |                       |
| Faminos                 | % 🗖 Per                                      | centile in Sector                           | - Stock                                 | Price – Pavout Rat                | tio                        | $\frown$                        |                                  |                       |







at a 30% discount. Economic Moat Q <sup>™</sup>None Financial Health  $^{\rm Q}$ 

1-Star Price Q 5-Star Price Q

| Contact              |  |
|----------------------|--|
| http://www.ercros.es |  |

|           |            | ay 2024 (i | iscal lea | I LIIU JI  | Dec 2019) |          |        |        |       |         |                           |
|-----------|------------|------------|-----------|------------|-----------|----------|--------|--------|-------|---------|---------------------------|
| 2014      | 2015       | 2016       | 2017      | 2018       | 2019      | 2020     | 2021   | 2022   | 2023  | YTD     | Fiscal                    |
| 604       | 618        | 603        | 681       | 672        | 670       | 569      | 772    | 999    | _     | 585     | Revenue (Mil)             |
| 0.18      | 16.85      | 41.45      | 45.33     | 44.75      | 31.18     | 19.27    | 58.71  | 92.30  | -     | 17.35   | Operating Income (Mil)    |
| 0.03      | 2.73       | 6.88       | 6.65      | 6.66       | 4.66      | 3.39     | 7.6    | 9.24   | -     | 2.97    | Operating Margin (%)      |
| -6.29     | 7.24       | 45.17      | 44.58     | 44.59      | 31.04     | 6.26     | 43.30  | 62.99  | -     | 5.68    | Net Income (Mil)          |
| -0.06     | 0.06       | 0.40       | 0.40      | 0.41       | 0.29      | 0.06     | 0.43   | 0.64   | -     | 0.06    | Diluted Earnings/Share    |
| 9.82      | 14.00      | 37.70      | 43.81     | 48.21      | 59.43     | 74.59    | 70.35  | 88.02  | _     | 15.90   | Operating Cash Flow (Mil) |
| -6.19     | -9.15      | -18.71     | -42.84    | -32.87     | -21.47    | -11.13   | -12.90 | -27.18 | -     | -18.27  | Capital Spending (Mil)    |
| 3.63      | 4.85       | 18.99      | 0.97      | 15.34      | 37.96     | 63.46    | 57.45  | 60.84  | _     | -2.37   | Free Cash Flow (Mil)      |
| 110       | 114        | 114        | 112       | 109        | 106       | 103      | 101    | 98     | -     | 97      | Avg Shares Outstand(Mil)  |
| luation a | s of 3 Ma  | ay 2024    |           |            |           |          |        |        |       |         |                           |
| 2014      | 2015       | 2016       | 2017      | 2018       | 2019      | 2020     | 2021   | 2022   | 2023  | Current | Calendar                  |
| 0.89      | 0.95       | 1.33       | 1.40      | 0.80       | 0.80      | 1.07     | 0.80   | 0.79   | 0.52  | 0.70    | Price/Fair Value Q        |
| 0.07      | 0.12       | 0.34       | 0.48      | 0.49       | 0.39      | 0.38     | 0.46   | 0.30   | 0.31  | 0.45    | Price/Sales               |
| 6.56      | -          | 7.33       | 6.27      | 7.13       | 10.74     | 12.47    | 13.50  | 4.79   | 11.90 | 11.13   | Price/Earnings            |
| 0.84      | 3.43       | 4.84       | 14.20     | -          | 9.95      | 3.15     | 4.23   | 4.81   | 3.26  | 4.32    | Price/Cash Flow           |
| 0.25      | 0.40       | 1.08       | 1.37      | 1.27       | 0.96      | 0.77     | 0.98   | 0.86   | 0.69  | 0.88    | Price/Book                |
| erating F | Performar  | nce as of  | 3 May 20  | 24 (Fiscal | Year End  | 31 Dec 2 | 019)   |        |       |         |                           |
| 2014      | 2015       | 2016       | 2017      | 2018       | 2019      | 2020     | 2021   | 2022   | 2023  | 03      | Fiscal (%)                |
| -1.16     | 1.4        | 8.43       | 7.69      | 7.44       | 4.92      | 1.0      | 6.66   | 8.65   | -     | 0.57    | Return on Assets          |
| -3.7      | 4.21       | 22.82      | 19.08     | 17.25      | 10.99     | 2.17     | 14.06  | 18.2   | -     | 1.07    | Return on Equity          |
| -0.18     | 3.74       | 14.86      | 13.13     | 12.45      | 8.0       | 2.37     | 10.72  | 13.92  | _     | 0.81    | Rtn on Invested Capital   |
|           | is of 3 Ma | ay 2024    |           |            |           |          |        |        |       |         |                           |
| 2014      | 2015       | 2016       | 2017      | 2018       | 2019      | 2020     | 2021   | 2022   | 2023  | Current | Calendar (%)              |
| _         | _          | _          | 0.04      | 0.05       | 0.06      | 0.05     | _      | 0.09   | 0.15  | 0.15    | Dividend Per Share        |
| -         | -          | -          | 1.4       | 1.61       | 2.34      | 2.32     | -      | 2.62   | -     | 4.28    | Trailing Dividend Yield   |
|           |            |            | 0.81      | 3.52       | 3.67      | 4.01     |        | 3.13   |       | 5.79    | Buyback Yield             |



# Appendix

| Economic Moat <sup>©</sup> History as of 3 May 2024 (No Moat: 0.00-0.70, Narrow Moat: 0.70-0.99, Wide Moat: 0.99-1.00) |         |          |       |       |      |      |      |        |           |         |          |          |
|--|---------|----------|-------|-------|------|------|------|--------|-----------|---------|----------|----------|
| Year   | January | February | March | April | May  | June | July | August | September | October | November | December |
| 2024   | 0.14    | 0.08     | 0.10  | 0.10  | 0.06 | _    | _    | _      | _         | _       | _        | _        |
| 2023   | 0.04    | 0.06     | 0.09  | 0.16  | 0.08 | 0.08 | 0.06 | 0.06   | 0.07      | 0.05    | 0.14     | 0.07     |
| 2022   | 0.02    | 0.03     | 0.02  | 0.10  | 0.05 | 0.22 | 0.15 | 0.19   | 0.06      | 0.06    | 0.03     | 0.07     |
| 2021   | 0.04    | 0.03     | 0.03  | 0.02  | 0.01 | 0.02 | 0.02 | 0.01   | 0.03      | 0.02    | 0.02     | 0.02     |
| 2020   | 0.03    | 0.02     | 0.02  | 0.02  | 0.01 | 0.01 | 0.02 | 0.03   | 0.03      | 0.03    | 0.03     | 0.04     |
| 2019   | 0.06    | 0.08     | 0.05  | 0.16  | 0.20 | 0.14 | 0.05 | 0.08   | 0.04      | 0.03    | 0.05     | 0.03     |



# Quantitative Equity Report Overview

The quantitative report on equities consists of data, statistics and quantitative equity ratings on equity securities. Morningstar, Inc.'s quantitative equity ratings are forward looking and are generated by a statistical model that is based on Morningstar Inc.'s analyst-driven equity ratings and quantitative statistics. Given the nature of the quantitative report and the quantitative ratings, there is no one analyst in which a given report is attributed to; however, Mr. Lee Davidson, Head of Quantitative Research for Morningstar, Inc., is responsible for overseeing the methodology that supports the quantitative equity ratings used in this report. As an employee of Morningstar, Inc., Mr. Davidson is guided by Morningstar, Inc.'s Code of Ethics and Personal Securities Trading Policy in carrying out his responsibilities.

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Morningstar's quantitative equity ratings consist of: (i) Quantitative Fair Value Estimate, (ii) Quantitative Star Rating, (iii) Quantitative Uncertainty, (iv) Quantitative Economic Moat, and (v) Quantitative Financial Health (collectively the "Quantitative Ratings).

The Quantitative Ratings are calculated daily and derived from the analystdriven ratings of a company's peers as determined by statistical algorithms. Morningstar, Inc. ("Morningstar", "we", "our") calculates Quantitative Ratings for companies whether or not it already provides analyst ratings and qualitative coverage. In some cases, the Quantitative Ratings may differ from the analyst ratings because a company's analyst-driven ratings can significantly differ from other companies in its peer group.

i. **Quantitative Fair Value Estimate:** Intended to represent Morningstar's estimate of the per share dollar amount that a company's equity is worth today. Morningstar calculates the Quantitative Fair Value Estimate using a statistical model derived from the Fair Value Estimate Morningstar's equity analysts assign to companies. Please go to http://global.morningstar.com/ equitydisclosures for information about Fair Value Estimate Morningstar's equity analysts assign to companies.

ii. **Quantitative Economic Moat:** Intended to describe the strength of a firm's competitive position. It is calculated using an algorithm designed to predict the Economic Moat rating a Morningstar analyst would assign to the stock. The rating is expressed as Narrow, Wide, or None.

**Narrow** – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 70% but less than 99%.

**Wide** – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 99%.

**None** – assigned when the probability of an analyst receiving a "Wide Moat" rating by an analyst is less than 70%.

iii. **Quantitative Star Rating:** Intended to be the summary rating based on the combination of our Quantitative Fair Value Estimate, current market price, Quantitative Uncertainty Rating, and momentum. The rating is expressed as One-Star, Two-Star, Three-Star, Four-Star, and Five-Star.

- ★ the stock is overvalued with a reasonable margin of safety. Log (Quant FVE/Price) < -1\*Quantitative Uncertainty Micro-Caps: Log (Quant FVE/Price) < -1.5\*Quantitative Uncertainty</p>
- ★★ the stock is somewhat overvalued.

Log (Quant FVE/Price) between (-1\*Quantitative Uncertainty, -0.5\*Quantitative Uncertainty)

Micro-Caps: Log (Quant FVE/Price) between (-1.5\*Quantitative Uncertainty, - 0.75\*Quantitative Uncertainty)

 $\star \star \star$  – the stock is approximately fairly valued.

Log (Quant FVE/Price) between (-0.5\*Quantitative Uncertainty, 0.5\*Quantitative Uncertainty)

Micro-Caps: Log (Quant FVE/Price) between (-0.75\*Quantitative Uncertainty, 0.75\*Quantitative Uncertainty)

 $\star \star \star \star$  – the stock is somewhat undervalued.

Log (Quant FVE/Price) between (0.5\*Quantitative Uncertainty, 1\*Quantitative

Uncertainty)

Micro-Caps: Log (Quant FVE/Price) between (0.75\*Quantitative Uncertainty, 1.5\*Quantitative Uncertainty)

★★★★★ - the stock is undervalued with a reasonable margin of safety. Log (Quant FVE/Price) > 1\*Quantitative Uncertainty Micro-Caps: Log (Quant FVE/Price) > 1.5\*Quantitative Uncertainty

After the initial calculation for the star rating, there is a final filtering step based on the momentum of the company. We rank the companies based on their 12-1 month momentum, then restrict those below the 30th percentile to a maximum of 3 stars.

iv. **Quantitative Uncertainty:** Intended to represent Morningstar's level of uncertainty about the accuracy of the Quantitative Fair Value Estimate. Generally, the lower the Quantitative Uncertainty, the narrower the potential range of outcomes for that particular company. The rating is expressed as Low, Medium, High, Very High, and Extreme.

Low – the interquartile range for possible fair values is less than 10% Medium – the interquartile range for possible fair values is less than 15% but greater than 10%

High – the interquartile range for possible fair values is less than 35% but greater than 15%

 $Very\ High\ -$  the interquartile range for possible fair values is less than 80% but greater than 35%

 $\ensuremath{\textit{Extreme}}\xspace -$  the interquartile range for possible fair values is greater than 80%

v. **Quantitative Financial Health:** Intended to reflect the probability that a firm will face financial distress in the near future. The calculation uses a predictive model designed to anticipate when a company may default on its financial obligations. The rating is expressed as Weak, Moderate, and Strong.

Weak – assigned when Quantitative Financial Health < 0.2

Strong - assigned when Quantitative Financial Health > 0.7

## Other Definitions

i. Last Close – Price of the stock as of the close of the market of the last trading day before date of the report.

ii. **Quantitative Valuation**– Using the below terms, intended to denote the relationship between the security's **Last Price** and Morningstar's quantitative fair value estimate for that security.

**Undervalued – Last Price** is below Morningstar's quantitative fair value estimate.

Farily Valued – Last Price is in line with Morningstar's quantitative fair value estimate.

Farily Valued – Last Price is in line with Morningstar's quantitative fair value estimate.

**Overvalued – Last Price** is above Morningstar's quantitative fair value estimate.

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Sustainalytics analyzes over 1,300 data points to assess a company's exposure to and management of ESG risks. In other words, ESG Risk Ratings measures a company's unmanaged ESG Risks represented as a quantitative score. Unmanaged Risk is measured on an open-ended scale starting at zero (no risk) with lower scores representing less unmanaged risk and, for 95% of cases, the unmanaged ESG Risk score is below 50.

Based on their quantitative scores, companies are grouped into one of five Risk Categories (negligible, low, medium, high, severe). These risk categories are absolute, meaning that a 'high risk' assessment reflects a comparable degree



of unmanaged ESG risk across all subindustries covered.

The ESG Risk Rating Assessment is a visual representation of Sustainalytics ESG Risk Categories on a 1 to 5 scale. Companies with Negligible Risk = 5 Globes, Low Risk = 4, Medium Risk = 3 Globes, High Risk = 2 Globes, Severe Risk = 1 Globe. For more information, please visit sustainalytics.com/esg-ratings/

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