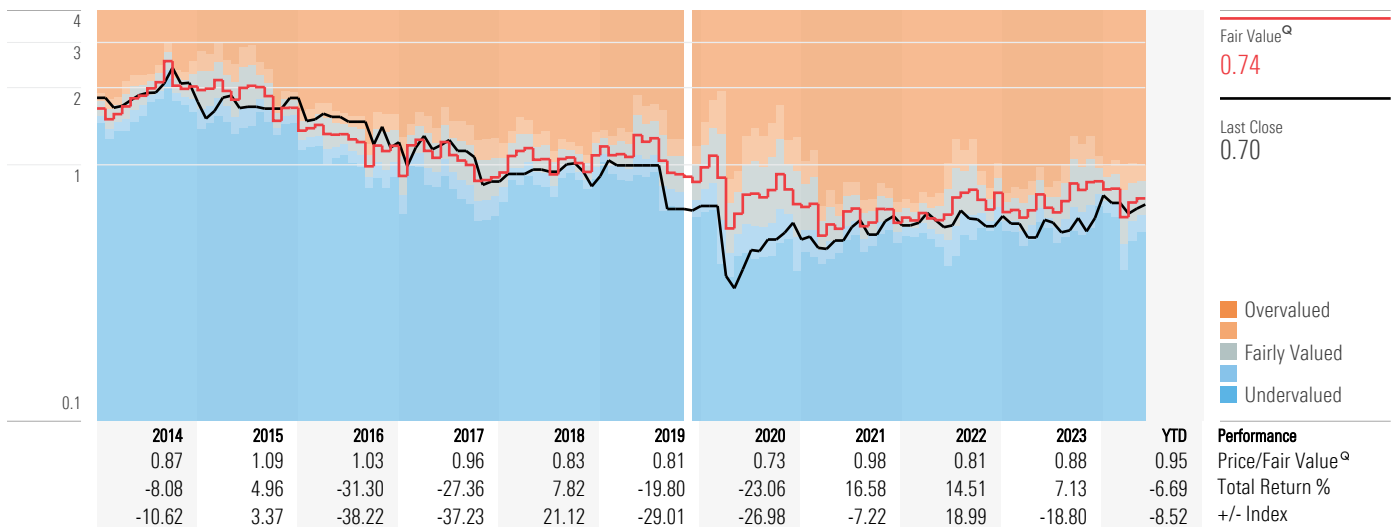


Alfa SAB de CV Class A XALFA ★★★ Q 16 May 2024, 22:36 UTC

Economic Moat ^Q	Uncertainty ^Q	Price/Fair Value ^Q	ESG Risk Rating Assessment ¹	Trailing Dividend Yield %	Market Cap	Investment Style	Sector	Industry
None	High	0.9	1 May 2024 05:00, UTC	1.31	3.3344 Bil	Mid Value	Basic Materials	Specialty Chemicals



As of 16 May 2024 | Index: Morningstar Mexico GR MXN. Fair Value data as of 16 May 2024, 22:36 UTC.

¹The 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 10 May 2024

Metrics	Value	Percentile in Sector
Earnings Yield (%)	-17.6	27.0
Sales Yield (%)	469.9	96.0
Book Value Yield (%)	35.8	27.0
Return on Assets (%)*	-4.6	46.0
Revenue(Bil)*	17.0	97.0
Market Value (Bil)	3.6	87.0
Enterprise Value (Bil)	8.3	91.0
EV/MV Ratio	2.3	94.0
Volatility TTM (%)	21.9	15.0
Drawdown TTM (%)	17.5	14.0
Volume (Mil)	5.8	91.0

*31 Mar 2024

Business Description

Alfa SAB de CV is a Mexican company controlling three principal businesses: Alpek and Sigma. It operates in two primary segments, which are: Alpek segment operates in the petrochemical and synthetic fibers industry, and its revenues are derived from sales of its products: polyester, plastics, and chemicals; Sigma segment operates in the refrigerated food sector, and its revenues are derived from sales of its main products: deli meats, dairy, and other processed foods; Other segments, include all other companies operating in business services and others that are non-reportable segments.

Valuation ^Q as of 16 May 2024

Morningstar maintains a 3-star quantitative star rating for Alfa SAB de, derived from the firm's valuation and uncertainty scores. The company's shares last closed at 0.70, in-line with our quantitative fair value estimate of 0.73. These shares have traded between a 34.47% discount and 3.18% premium to their fair value estimate over the past year. In Morningstar's equity coverage universe for this methodology, the company's valuation rating lands at the 84th percentile; in the basic materials sector, the firm's score lies at the 91st percentile (meaning the shares are more undervalued than 91% of stocks in the sector). Furthermore, Alfa SAB de maintains a quantitative valuation uncertainty rating of High. The company has held this star rating since the previous rating of 4, which was last assigned on 03/27/2024. The uncertainty rating for Alfa SAB de has remained High since the previous rating of Very High, which was last assigned on 05/14/2024. The key factors behind these ratings are the company's book value yield and volatility. The book value yield is 36.58%, and its maximum annualized trailing 12-month volatility is 22.64%. The book

value yield falls at the 29th percentile in the basic materials sector while the volatility is at the 15th percentile. Over the past year, the company's book value yield has been between 35.38% and 82.40%; its volatility has ranged between 20.83% and 22.64%.

Economic Moat ^Q as of 16 May 2024

Quantitatively, we do not believe Alfa SAB de has an economic moat. Its moat score of 0.45 corresponds to the 45th percentile in the basic materials sector. Furthermore, this rating has not changed over the past year, while the company's moat score fell from its maximum of 0.65 in this period (score of 1 indicates greatest economic moat). The company also maintains a quantitative financial health rating of Moderate. Its score sits at the 37th percentile overall and the 49th percentile in the sector. Examining the company's financials and market statistics, we find these ratings are principally driven by its book value yield and enterprise value-to-market value ratio. The book value yield is 36.58%, sitting at the 29th percentile in the basic materials sector. The company's enterprise value-to-market value ratio is 2.34, corresponding to the 90th percentile in the equity coverage universe and the 94th percentile in the sector.

Fundamentals as of 16 May 2024

The earnings per share for Alfa SAB de is -2.28. The company earns a return on invested capital of -4.81%, falling at the 47th percentile in the basic materials sector. The firm maintains a dividend yield of 1.36%. We calculate the above figures over a trailing 12-month period. Examining valuation further, the company's price-to-free cash flow ratio is 3.17, greater than 7% of

Alfa SAB de CV Class A XALFA ★★★ Q 16 May 2024, 22:36 UTC

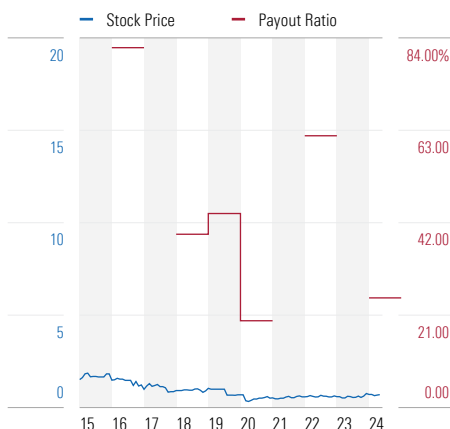
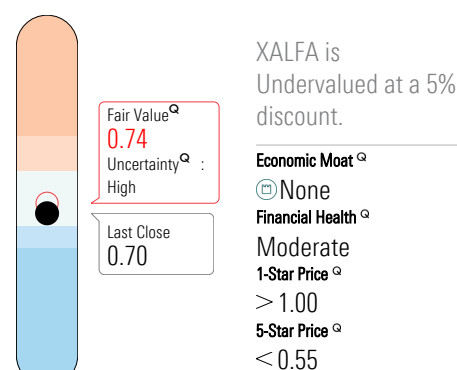
Economic Moat ^Q	Uncertainty ^Q	Price/Fair Value ^Q	ESG Risk Rating Assessment ¹	Trailing Dividend Yield %	Market Cap	Investment Style	Sector	Industry
None	High	0.9	1 May 2024 05:00, UTC	1.31	3.3344 Bil	Mid Value	Basic Materials	Specialty Chemicals

Earnings as of 10 May 2024

Earnings	%	Percentile in Sector
Dividend Yield*	1.4	28.0
Payout Ratio*	—	—
Price to Earnings	—	—
Price to Cash Flow	3.1	8.0
ROIC**	-4.8	47.0

*30 Apr 2024

**31 Mar 2024

Dividends as of 16 May 2024**Valuation** ^Q as of 16 May 2024

its sector peers. These values are calculated using the stock's price at last market close.

Contact

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Financials as of 16 May 2024 (Fiscal Year End 31 Dec 2024)

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	YTD	Fiscal
229	258	294	318	276	260	252	297	364	291	70	Revenue (Bil)
17.10	22.33	26.41	20.53	19.76	13.37	15.67	27.59	32.34	15.70	4.91	Operating Income (Bil)
7.46	8.64	8.99	6.46	7.16	5.14	6.22	9.29	8.89	5.39	7.03	Operating Margin (%)
-2.04	3.78	2.33	-2.05	13.14	5.81	3.93	4.11	11.72	-12.25	1.02	Net Income (Bil)
-0.40	0.74	0.45	-0.40	2.60	1.15	0.80	0.84	2.42	-2.55	0.22	Diluted Earnings/Share
24	31	37	34	35	31	29	26	28	26	26	Operating Cash Flow (Bil)
-14.43	-17.39	-26.07	-21.17	-9.83	-9.97	-5.58	-9.96	-7.98	-6.63	-6.63	Capital Spending (Bil)
9.52	13.11	11.23	13.23	25.22	20.60	23.77	16.41	19.68	18.94	18.94	Free Cash Flow (Bil)
5,143	5,129	5,121	5,088	5,055	5,037	4,942	4,909	4,859	4,819	4,728	Avg Shares Outstand(Mil)

Valuation as of 16 May 2024

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Current	Calendar
0.87	1.09	1.03	0.96	0.83	0.81	0.73	0.98	0.81	0.88	0.95	Price/Fair Value ^Q
0.82	0.74	0.53	0.36	0.31	0.23	0.19	0.25	0.21	0.19	0.21	Price/Sales
32.86	—	39.53	—	14.06	9.02	6.82	—	11.04	9.83	—	Price/Earnings
8.91	7.99	4.89	3.00	3.24	2.28	2.13	2.46	2.62	2.44	2.36	Price/Cash Flow
3.02	3.09	2.13	1.69	1.64	1.14	0.84	1.66	1.60	2.00	2.79	Price/Book

Operating Performance as of 16 May 2024 (Fiscal Year End 31 Dec 2024)

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Q3	Fiscal (%)
-1.02	1.51	0.76	-0.58	3.61	1.64	1.32	1.56	4.31	-5.06	0.48	Return on Assets
-3.64	6.43	3.37	-2.82	18.4	8.0	7.13	10.58	28.94	-38.27	4.66	Return on Equity
0.27	4.35	3.44	1.52	8.48	4.92	4.65	5.37	9.56	-5.84	1.88	Rtn on Invested Capital

Dividends as of 16 May 2024

2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	Current	Calendar (%)
—	0.03	0.03	0.03	0.03	0.04	0.03	0.02	0.04	0.02	0.03	Dividend Per Share
—	1.4	2.27	3.37	2.75	4.8	3.92	2.67	5.32	—	1.31	Trailing Dividend Yield
0.06	0.15	0.35	0.0	1.3	0.0	1.2	1.8	0.2	—	0.02	Buyback Yield

Appendix

Economic Moat [®]History as of 16 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	0.27	0.40	0.65	0.47	0.48	—	—	—	—	—	—	—
2023	0.31	0.18	0.23	0.29	0.12	0.09	0.16	0.21	0.43	0.42	0.33	0.26
2022	0.17	0.12	0.14	0.12	0.04	0.06	0.16	0.13	0.18	0.19	0.11	0.17
2021	0.10	0.26	0.14	0.20	0.10	0.09	0.06	0.08	0.16	0.11	0.15	0.11
2020	0.22	0.11	0.10	0.09	0.06	0.03	0.01	0.03	0.04	0.15	0.11	0.11
2019	0.11	0.12	0.13	0.40	0.24	0.38	0.60	0.32	0.24	0.36	0.23	0.36

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Quantitative Equity Ratings

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 analyst-driven 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*

★★ – 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)*

★★★ – 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)*

★★★★ – 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%

Extreme – 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

Moderate – assigned when Quantitative Financial Health is between 0.2 and 0.7

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.

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

Fairly 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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