

AMYRIS, INC.
Form 424B5
April 08, 2016

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PROSPECTUS SUPPLEMENT
To Prospectus dated April 9, 2015

\$50,000,000

Common Stock

We have entered into an At Market Issuance Sales Agreement, which we refer to as the sales agreement, with FBR Capital Markets & Co. (“FBR”) and MLV & Co. LLC (“MLV”, each of FBR and MLV individually an “Agent” and collectively the “Agents”), relating to the sale of shares of our common stock offered by this prospectus supplement and the accompanying prospectus. In accordance with the terms of the sales agreement, under this prospectus supplement and accompanying prospectus we may offer and sell shares of our common stock, \$0.0001 par value per share, having an aggregate offering price of up to \$50.0 million from time to time through the Agents.

Our common stock is traded on The NASDAQ Stock Market, or the Exchange, under the symbol “AMRS.” The last reported sale price of our common stock on April 7, 2016 was \$1.05 per share.

Sales of our common stock, if any, under this prospectus supplement and the accompanying prospectus will be made by any method permitted that is deemed an “at the market offering” as defined in Rule 415 under the Securities Act of 1933, as amended, or the Securities Act, including sales made directly on or through the Exchange, the existing trading market for our common stock, sales made to or through a market maker other than on an exchange or otherwise, in negotiated transactions at market prices, and/or any other method permitted by law. The Agents are not required to sell any specific amount, but will act as our sales agents using commercially reasonable efforts consistent with their normal trading and sales practices. There is no arrangement for funds to be received in any escrow, trust or similar arrangement.

The Agents will be entitled to compensation at a commission rate of up to 3.0% of the gross sales price per share sold. In connection with the sale of the common stock on our behalf, each of the Agents will be deemed to be an

“underwriter” within the meaning of the Securities Act and the compensation of the Agents will be deemed to be underwriting commissions or discounts. We have also agreed to provide indemnification and contribution to the Agents with respect to certain liabilities, including liabilities under the Securities Act.

Investing in these securities involves a high degree of risk. Before buying shares of our common stock, you should carefully consider the risk factors described in “Risk Factors” beginning on page S-6 of this prospectus supplement, page 8 of the accompanying prospectus and in the documents incorporated by reference into this prospectus supplement and the accompanying prospectus and any free writing prospectus that we have authorized for use in connection with this offering.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities, or determined if this prospectus supplement and the accompanying prospectus is accurate or complete. Any representation to the contrary is a criminal offense.

FBRMLV & Co.

The date of this prospectus supplement is April 8, 2016

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ABOUT THIS PROSPECTUS SUPPLEMENT

You should rely only on the information contained in or incorporated by reference in this prospectus supplement, the accompanying prospectus and any free writing prospectus that we have authorized for use in connection with this offering. We have not, and the Agents have not, authorized anyone to provide you with different information. If anyone provides you with different or inconsistent information, you should not rely on it. We are not, and the Agents are not, making an offer to sell these securities in any jurisdiction where the offer or sale is not permitted or in which the person making that offer or solicitation is not qualified to do so or to anyone to whom it is unlawful to make an offer or solicitation. You should assume that the information appearing in this prospectus supplement, the accompanying prospectus, the documents incorporated by reference in this prospectus supplement and the accompanying prospectus, and any free writing prospectus that we have authorized for use in connection with this offering, is accurate only as of the date of those respective documents. Our business, financial condition, results of operations and prospects may have changed since those dates. You should read this prospectus supplement, the accompanying prospectus, the documents incorporated by reference in this prospectus supplement and the accompanying prospectus, and any free writing prospectus that we have authorized for use in connection with this offering, in their entirety before making an investment decision. You should also read and consider the information in the documents to which we have referred you in the sections of this prospectus supplement entitled “Where You Can Find Additional Information” and “Incorporation of Certain Documents by Reference.”

This document is in two parts. The first part is this prospectus supplement, which describes the terms of this offering and also adds to and updates information contained in the accompanying prospectus and the documents incorporated by reference in this prospectus supplement and the accompanying prospectus. The second part, the accompanying prospectus dated April 9, 2015, including the documents incorporated by reference therein, provides more general information, some of which does not apply to this offering. To the extent there is a conflict between the information contained in this prospectus supplement, on the one hand, and the information contained in the accompanying prospectus or in any document incorporated by reference that was filed with the Securities and Exchange Commission, or SEC, before the date of this prospectus supplement, on the other hand, you should rely on the information in this prospectus supplement. If any statement in one of these documents is inconsistent with a statement in another document having a later date, for example, a document incorporated by reference in the accompanying prospectus, the statement in the document having the later date modifies or supersedes the earlier statement.

We further note that the representations, warranties and covenants made by us in any agreement that is filed as an exhibit to any document that is incorporated by reference into the accompanying prospectus were made solely for the benefit of the parties to such agreement, including, in some cases, for the purpose of allocating risk among the parties to such agreement, and should not be deemed to be a representation, warranty or covenant to you. Moreover, such representations, warranties or covenants were accurate only as of the date when made. Accordingly, such representations, warranties and covenants should not be relied on as accurately representing the current state of our affairs.

Unless otherwise mentioned or unless the context requires otherwise, all references in this prospectus supplement to “the Company,” “we,” “us,” “our,” “AMRS” and “Amyris” refer to Amyris, Inc., a Delaware corporation, and its consolidated subsidiaries.

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CAUTIONARY NOTE REGARDING FORWARD-LOOKING STATEMENTS

This prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein and therein contain forward-looking statements within the meaning of Section 27A of the Securities Act and Section 21E of the Securities Exchange Act of 1934, as amended, or the Exchange Act. These statements can often be identified by our use of the future tense, or by forward-looking words such as “may,” “will,” “expect,” “anticipate,” “believe,” “intend,” “estimate,” “continue” and other similar words and phrases. Investors are cautioned that such forward-looking statements are only predictions, which may differ materially from actual results or future events. Although we believe that our plans, intentions and expectations reflected in the forward-looking statements are reasonable, we cannot be sure that they will be achieved.

The factors and assumptions that could cause our actual results to differ, perhaps materially, from those in the forward-looking statements are described in this prospectus supplement, the accompanying prospectus and in our filings with the SEC incorporated by reference herein under the caption “Risk Factors.” The occurrence of any of these risks and uncertainties may cause our actual results to differ materially from those anticipated in our forward-looking statements, which could have a material adverse effect on our business, results of operations and financial condition.

These factors are not intended to represent a complete list of the general or specific factors that may affect us. It should be recognized that other factors, including general economic factors and business strategies, may be significant, presently or in the future, and the factors set forth or incorporated by reference in this prospectus supplement and the accompanying prospectus may affect us to a greater extent than indicated. All forward-looking statements attributable to us or persons acting on our behalf are expressly qualified in their entirety by the cautionary statements set forth or incorporated by reference in this prospectus supplement and the accompanying prospectus.

All forward-looking statements included or incorporated by reference in this prospectus supplement and the accompanying prospectus are based on information available to us as of the date of this prospectus supplement, the accompanying prospectus or such documents incorporated by reference, respectively. Except as required by law, we undertake no obligation to update any forward-looking statement, whether as a result of new information, future events or otherwise. We claim the protection of the safe harbor for forward-looking statements contained in the Private Securities Litigation Reform Act of 1995 for all forward-looking statements.

All forward-looking statements are further qualified by and should be read in conjunction with the risks described or referred to under the heading “Risk Factors” beginning on page S-6 of this prospectus supplement, page 8 of the accompanying prospectus and contained in our most recent Annual Report on Form 10-K and our most recent Quarterly Report on Form 10-Q filed with the SEC.

PROSPECTUS SUPPLEMENT SUMMARY

This summary highlights information contained elsewhere or incorporated by reference in this prospectus supplement and the accompanying prospectus. This summary does not contain all of the information that you should consider before deciding to invest in our common stock. You should read this entire prospectus supplement and the accompanying prospectus carefully, including the “Risk Factors” section contained in this prospectus supplement and the accompanying prospectus, our consolidated financial statements and the related notes thereto and the other documents incorporated by reference in this prospectus supplement and the accompanying prospectus before deciding whether to invest in our common stock.

Amyris, Inc.

Overview

We are a leading integrated industrial biotechnology company applying our technology platform to engineer, manufacture and sell high performance, low cost products into a variety of consumer and industrial markets, including cosmetics, flavors & fragrances (or F&F), solvents and cleaners, polymers, lubricants, healthcare products and fuels, and we are seeking to apply our technology to the development of pharmaceutical products. Our proven technology platform allows us to rapidly engineer microbes and use them as living factories to metabolize renewable, plant-sourced sugars into large volume, high-value hydrocarbon molecules. Using yeast as these living factories, our industrial fermentation process replaces existing complex and expensive chemical manufacturing processes. We believe industrial synthetic biology represents a third industrial revolution, bringing together biology and engineering to generate new, more sustainable materials to meet the growing global demand for bio-based replacements for petroleum, animal- or plant-derived chemicals. We continue to work to build demand for our current portfolio of products through a network of distributors and through direct sales, and are engaged in collaborations across a variety of markets, including personal care, performance chemicals and industrials, to drive additional product sales and partnership opportunities.

Background

Amyris was founded in 2003 in the San Francisco Bay Area by a group of scientists from the University of California, Berkeley. Our first major milestone came in 2005 when, through a grant from the Bill & Melinda Gates Foundation, we developed technology capable of creating microbial strains that produce artemisinic acid — a precursor of artemisinin, an effective anti-malarial drug. In 2008, we granted royalty-free licenses to allow Sanofi-Aventis (or Sanofi) to produce artemisinic acid using our technology. Since 2013, Sanofi has been distributing millions of artemisinin-based anti-malarial treatments incorporating this artemisinic acid. Building on our success with artemisinic acid, in 2007 we began applying our technology platform to develop, manufacture and sell sustainable alternatives to a broad range of materials.

We focused our initial development efforts primarily on the production of Biofene[®], our brand of renewable farnesene, a long-chain, branched hydrocarbon molecule that we manufacture through fermentation using engineered microbes. Using farnesene as a first commercial building block molecule, we have developed a wide range of renewable products for our various target markets, including cosmetics, F&F, healthcare products and fuels, and we are pursuing opportunities for the application of our technology in the pharmaceuticals market. Our technology platform allows us to rapidly develop microbial strains to produce other target molecules, and, in 2014, we began manufacturing additional molecules for the F&F industry.

Our Platform

Amyris' proprietary microbial engineering and screening technologies have industrialized bioengineering of microbes, and most of our efforts to date have been focused on engineering yeast. Our platform provides predictable and efficient “living factories” that allow us to convert plant-sourced sugars, primarily sugarcane syrup, through fermentation, into high-value hydrocarbon molecules instead of low-value alcohol. We are able to use a wide variety of feedstocks for production, but have focused on accessing Brazilian sugarcane for our large-scale production because of its renewability, low cost and relative price stability. We have also successfully used other feedstocks such as sugar beets, corn dextrose, sweet sorghum and cellulosic sugars at various manufacturing facilities.

We are currently producing four molecules at our industrial fermentation plant: artemisinic acid, farnesene and two fragrance molecules. We and our partners develop products from these molecules for several target markets, including cosmetics, F&F, solvents, polymers, industrials and healthcare products, and we are pursuing arrangements with a number of drug companies for their use of our molecules to develop pharmaceutical products. We are engaged in collaborations with multiple companies that are leaders within their respective markets, including affiliates of Total S.A., the international energy company, and worldwide leaders in specialty chemicals, consumer care, F&F, food ingredients and health, and who sell our ingredients to hundreds of brands that serve millions of consumers.

Strategy and Business Model

Our mission is to apply inspired science to deliver sustainable solutions for a growing world. We seek to become the world's leading provider of renewable, high-performance alternatives to non-renewable products. In the past, choosing a renewable product often required producers to compromise on performance or price. With our technology, leading consumer brands can develop products made from renewable sources that offer equivalent or better performance and stable supply with competitive pricing. We call this our No Compromise[®] value proposition. We aim to improve the world one molecule at a time by providing the best alternatives to non-renewable products.

We have developed and are operating our company under a business model that generates cash from both collaborations and from product sales. We believe this combination will enable us to realize our vision of becoming the world's leading renewable products company.

Corporate Information

We organized our business in July 2003 as a California corporation under the name Amyris Biotechnologies, Inc. and reincorporated in Delaware in June 2010 and changed our name to Amyris, Inc. Our corporate headquarters are located at 5885 Hollis Street, Suite 100, Emeryville, California 94608, and our telephone number is (510) 450-0761. Our website address is www.amyris.com. The information contained in or accessible through our website or contained on other websites is not a part of, and not incorporated into, this prospectus supplement or the accompanying prospectus.

Amyris, the Amyris logo, Biofene and No Compromise are trademarks or registered trademarks of Amyris, Inc. This prospectus supplement and the accompanying prospectus also contain trademarks and trade names of other business that are the property of their respective holders.

THE OFFERING

Common
stock
of Shares of our common stock having an aggregate offering price of up to \$50.0 million.
by
us

Common
stock
to Up to 254,368,304 shares (as more fully described in note (1) following this table), assuming sales of 47,619,047
be shares of our common stock in this offering at an offering price of \$1.05 per share, which was the last reported
outstanding of our common stock on The NASDAQ Stock Market on April 7, 2016. The actual number of shares
after sold in this offering will depend on a number of factors, including the sales price under this offering.
this
offering

Make the-market offering” that may be made from time to time on The NASDAQ Capital Market or other market for
of our common stock in the U.S. through our agents, FBR Capital Markets & Co. and MLV & Co. LLC. See “Plan of
Offering Distribution” on page S-9 of this prospectus supplement.

Use of proceeds We currently intend to use the net proceeds from this offering to fund working capital and for other general
of corporate purposes. See “Use of Proceeds” on page S-7 of this prospectus supplement.

NASDAQ
Capital
Market
AMRS
symbol

Risk This investment involves a high degree of risk. See “Risk Factors” on page S-6 of this prospectus supplement for a
discussion of factors you should carefully consider before deciding to invest in our common stock.

(1) The total number of shares of common stock outstanding after this offering is based on 206,749,257 shares
outstanding as of February 29, 2016, and excludes as of such date:

- 32,830,017 shares of our common stock reserved for issuance under our equity incentive plans, of which there are
outstanding (i) stock options to purchase 12,642,206 shares with a weighted-average exercise price of \$4.81 per
share, and (ii) restricted stock units with respect to 5,380,171 shares;

- 7,328,069 shares of our common stock issuable upon the exercise of outstanding warrants having a
weighted-average exercise price of \$0.01 per share; and

- 64,829,006 shares of our common stock issuable upon conversion of our outstanding convertible promissory notes,
subject to anti-dilution, make-whole and other adjustments.

Except as otherwise noted, all information in this prospectus supplement assumes no exercise of options or vesting of restricted stock units issued under our equity incentive plans, no exercise of outstanding warrants and no conversion of our outstanding convertible promissory notes after February 29, 2016.

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RISK FACTORS

Investing in our common stock involves a high degree of risk. Before investing in our common stock, you should read and consider carefully the matters described below, those in the accompanying prospectus beginning on page 8, and those under the caption “Risk Factors” in our most recent Annual Report on Form 10-K and our most recent Quarterly Report Form 10-Q filed with the SEC, as updated by our subsequent filings under the Exchange Act, which information is incorporated by reference in this prospectus supplement, and the additional risks and other information in this prospectus supplement, the accompanying prospectus and the documents incorporated by reference herein and therein. See “Where You Can Find Additional Information” and “Incorporation of Certain Documents by Reference.”

Risks Associated with this Offering

We have broad discretion in the use of the net proceeds of this offering and may not use them effectively.

We intend to use the net proceeds from this offering to fund working capital and for other general corporate purposes. However, our management will have broad discretion in the application of the net proceeds from this offering and could spend the proceeds in ways that do not improve our results of operations or enhance the value of our common stock. The failure by management to apply these funds effectively could result in financial losses that could have a material adverse effect on our business and cause the price of our common stock to decline.

You will experience immediate and substantial dilution.

The offering price per share in this offering may exceed the net tangible book value per share of our common stock outstanding prior to this offering. Assuming that an aggregate of 47,619,047 shares of our common stock are sold at a price of \$1.05 per share, the last reported sale price of our common stock on the Exchange on April 7, 2016, for aggregate gross proceeds of \$50.0 million, and after deducting commissions and estimated offering expenses payable by us, you will experience immediate dilution of \$1.48 per share, representing the difference between our as adjusted net tangible book value per share as of December 31, 2015 after giving effect to this offering and the assumed offering price. The exercise of outstanding stock options and warrants, the vesting of outstanding restricted stock units and the conversion of outstanding convertible promissory notes will result in further dilution of your investment. See the section entitled “Dilution” below for a more detailed illustration of the dilution you would incur if you participate in this offering.

You may experience future dilution as a result of future equity offerings.

In order to raise additional capital, we may in the future offer additional shares of our common stock or other securities convertible into or exchangeable for our common stock at prices that may not be the same as the price per share in this offering. We may sell shares or other securities in any other offering at a price per share that is less than the price per share paid by investors in this offering, and investors purchasing shares or other securities in the future could have rights superior to existing stockholders. The price per share at which we sell additional shares of our common stock, or securities convertible or exchangeable into common stock, in future transactions may be higher or lower than the price per share paid by investors in this offering.

Future sales of substantial amounts of our common stock, or the possibility that such sales could occur, could adversely affect the market price of our common stock.

We may issue up to \$50,000,000 of our common stock from time to time in this offering. The issuance from time to time of shares in this offering, as well as our ability to issue such shares in this offering, could have the effect of depressing the market price or increasing the market price volatility of our common stock. See “Plan of Distribution” on page S-9 of this prospectus supplement for more information about the possible adverse effects of our sales under the sales agreement.

USE OF PROCEEDS

We may issue and sell shares of our common stock having aggregate sales proceeds of up to \$50.0 million from time to time. Because there is no minimum offering amount required as a condition to close this offering, the actual total public offering amount, commissions and proceeds to us, if any, are not determinable at this time. We estimate that the net proceeds from the sale of the shares of common stock that we are offering may be up to approximately \$48.7 million, after deducting the Agents' commissions and estimated offering expenses payable by us.

We currently intend to use the net proceeds from this offering to fund working capital and for other general corporate purposes.

DIVIDEND POLICY

We have never paid dividends to holders of our common stock and we do not anticipate paying any cash dividends in the foreseeable future as we intend to retain any earnings for use in our business. Any future determination to pay dividends will be at the discretion of our board of directors and will depend upon our results of operations, financial condition, contractual restrictions, restrictions imposed by applicable law and other factors our board of directors deems relevant.

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DILUTION

If you invest in our common stock, your interest will be diluted to the extent of the difference between the price per share you pay in this offering and the net tangible book value per share of our common stock immediately after this offering. Our net tangible book value of our common stock as of December 31, 2015 was approximately \$(159.0) million, or approximately \$(0.77) per share of common stock based upon 206,130,282 shares outstanding as of December 31, 2015. Our historical net tangible book value per share is calculated by subtracting our total liabilities, goodwill and intangible assets from our total assets and dividing this amount by the number of shares of our common stock outstanding on December 31, 2015.

After giving effect to the sale of our common stock in the aggregate amount of \$50.0 million at an assumed offering price of \$1.05 per share, the last reported sale price of our common stock on The NASDAQ Stock Market on April 7, 2016, and after deducting commissions and estimated offering expenses payable by us, our net tangible book value as of December 31, 2015 would have been \$(110.4) million, or \$(0.43) per share of common stock. This represents an immediate increase in net tangible book value of \$0.34 per share to our existing stockholders and an immediate dilution in net tangible book value of \$1.48 per share to new investors in this offering.

The following table illustrates this calculation on a per share basis:

Offering price per share of common stock	\$1.05
Historical net tangible book value per share as of December 31, 2015	\$(0.77)
Increase in net tangible book value per share attributable to new investors in this offering	0.34
Pro forma net tangible book value per share as of December 31, 2015, after giving effect to this offering	(0.43)
Dilution per share to new investors in this offering	\$1.48

The above discussion and table are based on 206,130,282 shares outstanding as of December 31, 2015, and exclude as of such date:

21,539,856 shares of our common stock reserved for issuance under our equity incentive plans, of which there are outstanding (i) stock options to purchase 12,930,112 shares with a weighted-average exercise price of \$4.77 per share, and (ii) restricted stock units with respect to 5,554,844 shares;

4,343,733 shares of our common stock issuable upon the exercise of outstanding warrants having a weighted-average exercise price of \$0.01 per share; and

64,129,831 shares of our common stock issuable upon conversion of our outstanding convertible promissory notes, subject to anti-dilution, make-whole and other adjustments.

To the extent that outstanding stock options, restricted stock units, and warrants vest or are exercised, or outstanding convertible promissory notes are converted into our common stock, there will be further dilution to new investors. In addition, we may choose to raise additional capital due to market conditions or strategic considerations even if we believe we have sufficient funds for our current or future operating plans. To the extent that additional capital is raised through the sale of equity or convertible debt securities, the issuance of these securities could result in further dilution to our stockholders.

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PLAN OF DISTRIBUTION

We have entered into a sales agreement with the Agents under which we may issue and sell shares of our common stock having aggregate sales proceeds of up to \$50.0 million from time to time through the Agents. The sales agreement was filed as an exhibit to a report filed under the Exchange Act, and is incorporated by reference in this prospectus supplement. The sales, if any, of shares made under the sales agreement may be made by any method permitted by law deemed to be an “at the market offering” as defined in Rule 415 of the Securities Act, including, without limitation, sales made directly on The NASDAQ Stock Market, on any other existing trading market for the common stock or through a market maker. In addition, with our prior consent, the Agents may also sell the common stock by any other method permitted by law, including, but not limited to, negotiated transactions. We may instruct the Agents not to sell common stock if the sales cannot be effected at or above the price designated by us from time to time. We or the Agents may suspend the offering of common stock upon notice and subject to other conditions. As an agent, the Agents will not engage in any transactions that stabilize the price of our common stock.

Each time we wish to issue and sell common stock under the sales agreement, we will notify the Agents of the number of shares to be issued, the dates on which such sales are anticipated to be made, any minimum price below which sales may not be made and other sales parameters as we deem appropriate. Once we have so instructed the Agents, unless the Agents decline to accept the terms of the notice, the Agents have agreed to use commercially reasonable efforts consistent with their respective normal trading and sales practices to sell such shares up to the amount specified on such terms. The obligations of the Agents under the sales agreement to sell our common stock are subject to a number of conditions that we must meet.

We will pay the Agents commissions for their services in acting as agents in the sale of our common stock. The Agents will be entitled to a commission of up to 3.0% of the gross proceeds from the sale of our common stock offered hereby. In addition, we have agreed to reimburse certain expenses of the Agents in an amount not to exceed \$25,000. Because there is no minimum offering amount required as a condition to close this offering, the actual total public offering amount, commissions and proceeds to us, if any, are not determinable at this time. We estimate that the total expenses for the offering, excluding compensation payable to the Agents under the terms of the sales agreement, will be approximately \$100,000.

Settlement for sales of our common stock will generally occur on the third business day following the date on which any sales are made, or on some other date that is agreed upon by us and the Agents in connection with a particular transaction, in return for payment of the net proceeds to us. There is no arrangement for funds to be received in an escrow, trust or similar arrangement.

In connection with the sale of the common stock on our behalf, each of the Agents will be deemed to be an “underwriter” within the meaning of the Securities Act and the compensation of the Agents will be deemed to be underwriting commissions or discounts. We have agreed to provide indemnification and contribution to the Agents against certain civil liabilities, including liabilities under the Securities Act.

The offering of our common stock pursuant to the sales agreement will terminate upon the earlier of (i) the sale of all of our common stock subject to the sales agreement or (ii) the termination of the sales agreement as provided therein.

The Agents and their respective affiliates may in the future provide various investment banking and other financial services for us and our affiliates, for which services they may in the future receive customary fees. To the extent required by Regulation M, the Agents will not engage in any market making activities involving our common stock while the offering under this prospectus supplement is ongoing.

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LEGAL MATTERS

The validity of the common stock being offered hereby will be passed upon by our counsel, Fenwick & West LLP, Mountain View, California. LeClairRyan, A Professional Corporation, New York, New York, is counsel for the Agents in connection with this offering.

EXPERTS

The consolidated financial statements and management's assessment of the effectiveness of internal control over financial reporting of Amyris, Inc. (which is included in Management's Report on Internal Control over Financial Reporting), incorporated herein by reference to Amyris, Inc.'s Annual Report on Form 10-K for the year ended December 31, 2015, have been so incorporated in reliance on the report (which contains an explanatory paragraph relating to the Company's ability to continue as a going concern as described in Note 1 to the consolidated financial statements) of PricewaterhouseCoopers LLP, an independent registered public accounting firm, given on the authority of said firm as experts in auditing and accounting.

The audited financial statements of Novvi LLC for the years ended December 31, 2013 and 2014, incorporated herein by reference to Amyris, Inc.'s Annual Report on Form 10-K for the year ended December 31, 2015, have been so incorporated in reliance on the report of Pannell Kerr Forster of Texas, P.C., an independent auditor, given on the authority of said firm as experts in auditing and accounting.

WHERE YOU CAN FIND ADDITIONAL INFORMATION

We are subject to the filing requirements of the Exchange Act. Therefore, we file periodic reports, proxy statements and other information with the SEC. Such reports, proxy statements and other information may be obtained by visiting the Public Reference Room of the SEC at 100 F Street, NE, Washington, D.C. 20549. You may obtain information regarding the operation of the Public Reference Room by calling the SEC at 1-800-SEC-0330. In addition, the SEC maintains a website (www.sec.gov) that contains reports, proxy and information statements, and other information regarding issuers that file electronically.

We make our annual reports on Form 10-K, quarterly reports on Form 10-Q, current reports on Form 8-K and all amendments to such reports filed or furnished pursuant to Section 13(a) or 15(d) of the Exchange Act available free of charge through a link on the Investors section of our website located at www.amyris.com (under "Financial Information—SEC Filings") as soon as reasonably practicable after they are filed with or furnished to the SEC. Information on our website is not incorporated by reference in this prospectus supplement or the accompanying prospectus.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

The SEC allows us to incorporate by reference the information we file with it, which means that we can disclose important information to you by referring you to another document that we have filed separately with the SEC. We hereby incorporate by reference the following information or documents into this prospectus supplement and the accompanying prospectus:

- (1) Our Annual Report on Form 10-K for the fiscal year ended December 31, 2015, filed with the SEC on March 30, 2016;
- (2) Our Current Reports on Form 8-K filed with the SEC on February 19, 2016, March 1, 2016, March 9, 2016 and March 24, 2016;
- (3) The description of our common stock contained in our registration statement on Form 8-A filed with the SEC on September 24, 2010, including any amendment or report filed for the purpose of updating such description; and

All documents that we file with the SEC under Section 13(a), 13(c), 14 or 15(d) of the Exchange Act after the date (4) of this prospectus supplement and prior to the termination of the offering of our common stock offered hereby will be incorporated by reference and be a part of this prospectus supplement from their respective filing dates.

Any statement contained in a document incorporated by reference in this prospectus supplement shall be deemed to be modified or superseded for purposes of this prospectus supplement to the extent that a statement contained herein or in any other subsequently filed document that also is incorporated by reference herein modifies or supersedes such statement. Any statement so modified or superseded shall not be deemed, except as so modified or superseded, to constitute a part of this prospectus supplement.

Notwithstanding the foregoing, we are not incorporating any document or information deemed to have been furnished and not filed in accordance with SEC rules.

You may request a copy of any or all of the documents referred to above that may have been or may be incorporated by reference into this prospectus supplement (excluding certain exhibits to the documents) at no cost, by writing or telephoning:

Amyris, Inc.

5885 Hollis Street, Suite 100
Emeryville, California 94608
(510) 450-0761
Attention: Corporate Secretary

S-11

PROSPECTUS

AMYRIS, INC.

\$ 200,000,000

Common Stock

Preferred Stock

Warrants

Debt Securities

Units

The securities covered by this prospectus may include shares of our common stock; shares of preferred stock; warrants to purchase shares of our common stock, preferred stock and/or debt securities; debt securities consisting of debentures, notes or other evidences of indebtedness; or units consisting of any combination of such securities. We may offer the securities from time to time in one or more series or issuances directly to our stockholders or purchasers, or through agents, underwriters or dealers as designated from time to time.

This prospectus provides a general description of the securities we may offer. Each time we sell securities, we will provide specific terms of the securities offered in a supplement to this prospectus. Such a prospectus supplement may also add, update or change information contained in this prospectus. This prospectus may not be used to consummate a sale of securities unless accompanied by the applicable prospectus supplement. We will sell these securities directly to our stockholders or to purchasers or through agents on our behalf or through underwriters or dealers as designated from time to time. If any agents or underwriters are involved in the sale of any of these securities, the applicable prospectus supplement will provide the names of the agents or underwriters and any applicable fees, commissions or discounts.

Our common stock is traded on the NASDAQ Global Select Market under the symbol "AMRS." On April 8, 2015, the closing price of our common stock was \$2.32. None of the other securities we may offer are currently traded on any securities exchange.

Investing in our securities involves risks. See “Risk Factors” commencing on page 2. You should carefully read this prospectus, the documents incorporated herein, and the applicable prospectus supplement before making any investment decision.

Neither the Securities and Exchange Commission nor any state securities commission has approved or disapproved of these securities or passed upon the adequacy or accuracy of this prospectus. Any representation to the contrary is a criminal offense.

The date of this prospectus is April 9, 2015

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement that we filed with the Securities and Exchange Commission (the “SEC”) using a “shelf” registration process. Under this shelf registration process, from time to time, we may offer to sell any combination of the securities described in this prospectus in one or more offerings up to a total dollar amount of \$200,000,000. This prospectus provides you with a general description of the securities we may offer. Each time we sell securities under this shelf registration process, we will provide a prospectus supplement that will contain specific information about the terms of such offering. The prospectus supplement may also add, update or change information contained in this prospectus. If there is any inconsistency between the information contained in this prospectus and any applicable prospectus supplement, you should rely on the information in the applicable prospectus supplement. You should read both this prospectus and any applicable prospectus supplement, together with additional information described under “Where You Can Find More Information” below.

We have not authorized any dealer, agent or other person to give any information or to make any representation other than those contained or incorporated by reference in this prospectus and any accompanying prospectus supplement. You must not rely upon any information or representation not contained or incorporated by reference in this prospectus or an accompanying prospectus supplement. This prospectus and the accompanying prospectus supplement, if any, do not constitute an offer to sell or the solicitation of an offer to buy any securities other than the registered securities to which they relate, nor do this prospectus and any accompanying prospectus supplement constitute an offer to sell or the solicitation of an offer to buy securities in any jurisdiction to any person to whom it is unlawful to make such offer or solicitation in such jurisdiction. You should not assume that the information contained in this prospectus and any accompanying prospectus supplement, if any, is accurate on any date subsequent to the date set forth on the front of the document or that any information we have incorporated by reference is correct on any date subsequent to the date of the document incorporated by reference, even though this prospectus and any accompanying prospectus supplement is delivered or securities are sold on a later date.

Unless the context otherwise requires, “AMRS,” “Amyris,” the “Company,” “we,” “us,” “our” and similar names refer to Amyris Inc.

PROSPECTUS SUMMARY

This summary may not contain all the information that you should consider before investing in securities. You should read the entire prospectus, any applicable prospectus supplement and the information incorporated by reference in this prospectus carefully, including “Risk Factors” and the financial data and related notes and other information incorporated by reference, before making an investment decision.

Company Overview

Amyris has industrialized synthetic biology and is delivering renewable products globally into various markets ranging from consumer care to fuels. We believe industrial synthetic biology represents a third industrial revolution bringing together biology and engineering to generate new, more sustainable materials to meet the growing global demand. We have built a powerful technology platform, robust manufacturing capability, and a strong pipeline of ongoing collaborations with world-leading companies in a variety of industries. We are working to build demand for our current portfolio of products through a network of distributors and through direct sales in the cosmetics, flavors and fragrances, performance materials, and transportation fuels and lubricants markets. We are also engaged in collaborations across a variety of markets, including our current product markets and new markets, to drive additional product sales and partnership opportunities.

We were founded in 2003 in the San Francisco Bay Area by a group of scientists from the University of California, Berkeley. Our first major milestone came in 2005 when, through a grant from the Bill & Melinda Gates Foundation, we developed technology capable of creating microbial strains to produce artemisinic acid - a precursor of artemisinin, an effective anti-malarial drug. In 2008, we granted royalty-free licenses to allow Sanofi-Aventis (or Sanofi), to produce artemisinic acid using our technology. Since 2013, Sanofi has been distributing millions of artemisinin-based anti-malarial treatments incorporating this artemisinic acid. Building on our success with artemisinic acid, in 2007 we began applying our technology platform to develop, manufacture and sell sustainable alternatives to a broad range of materials.

We focused our initial development efforts primarily on the production of Biofene®, our brand of renewable farnesene, a long-chain, branched hydrocarbon molecule that we manufacture using engineered microbes in fermentation. Using farnesene as a first commercial building block molecule, we have developed a wide range of renewable products for our various target markets including cosmetics, pharmaceuticals, flavors and fragrances and fuels. Our technology platform allows us to rapidly develop microbial strains to produce other target molecules, and in 2014, we began manufacturing additional molecules for the flavors and fragrances industry.

Amyris' microbial engineering and screening technologies modify the way microorganisms process sugars in a fermentation process. We use our proprietary platform to design microbes, primarily yeast, to serve as living factories in established fermentation processes to convert plant-sourced sugars into high-value hydrocarbon molecules instead

of low-value alcohol. The first two molecules we developed through this process were artemisinic acid and farnesene. In 2014, we began production of a third molecule at industrial scale and development of various other molecules in our labs. We and our partners develop products from these hydrocarbon ingredients for several target markets, including cosmetics, flavors and fragrances, performance materials, transportation fuels and lubricants. Further, in connection with our partners we have commercialized products for the cosmetics and flavors and fragrances markets.

We are able to use a wide variety of feedstocks for production, but have focused on accessing Brazilian sugarcane for our large-scale production because of its renewability, low cost and relative price stability. We have also successfully used other feedstocks such as sugar beets, corn dextrose, sweet sorghum and cellulosic sugars at our various manufacturing facilities.

Our mission is to apply inspired science to deliver sustainable solutions for a growing world. We seek to become the world's leading provider of renewable, high-performance alternatives to non-renewable chemicals and fuels. In the past, choosing a renewable product often required producers to compromise on performance or price. With our technology, leading consumer brands can develop products made from renewable sources that offer equivalent or better performance and stable supply with competitive pricing. We call this our No Compromise® value proposition. We aim to improve the world one molecule at a time by providing consumers with the best alternatives.

We have developed and are operating our company under an innovative business model that generates cash from both collaborations and from product sales margins. We believe this combination will enable us to realize our vision of becoming the world's leading renewable products company.

We were founded in 2003 and completed our initial public offering in 2010. As of January 31, 2015, we had 404 employees (including 245 in the United States and 159 in Brazil). Our corporate headquarters and pilot plant are located in Emeryville, California, and our Brazil headquarters and pilot plant are located in Campinas, Brazil. We have two operating subsidiaries, Amyris Brasil Ltda. (or Amyris Brasil) and Amyris Fuels LLC (or Amyris Fuels). Amyris Brasil oversees establishment and expansion of our production in Brazil. Amyris Fuels was originally established to help us develop fuel distribution capabilities in the United States by selling ethanol and reformulated ethanol-blended gasoline. In the third quarter of 2012, we transitioned out of the ethanol and ethanol-blended gasoline business, to focus our efforts on production and commercialization of renewable products.

Amyris, the Amyris logo, Biofene, Bioissance, Dial-A-Blend, Diesel de Cana, Evoshield, µPharm, Myralene, Muck Daddy, Neossance and No Compromise are trademarks or registered trademarks of Amyris, Inc. This prospectus also contains trademarks and trade names of other business that are the property of their respective holders.

Our principal executive offices are located at 5885 Hollis Street, Suite 100, Emeryville, CA 94608 and our telephone number at that address is (510) 450-0761.

The Securities We May Offer

With this prospectus, we may offer shares of our common stock; shares of preferred stock; warrants to purchase shares of our common stock, preferred stock and/or debt securities; debt securities consisting of debentures, notes or other evidences of indebtedness; or units consisting of any combination of such securities. The aggregate offering price of securities that we offer with this prospectus will not exceed \$200,000,000. Each time we offer securities with this prospectus, we will provide offerees with a prospectus supplement that will contain the specific terms of the securities being offered. The following is a summary of the securities we may offer with this prospectus.

Common Stock

We may offer shares of our common stock, par value \$0.0001 per share.

Preferred Stock

We may offer shares of our preferred stock, par value \$0.0001 per share, in one or more series. Our board of directors will determine the dividend, voting, conversion and other rights of the series of shares of preferred stock being offered.

Warrants

We may offer warrants for the purchase of debt securities, shares of preferred stock or shares of common stock. Our board of directors will determine the terms of the warrants.

Debt Securities

We may offer debt securities, which may be secured or unsecured, senior or subordinated and convertible into shares of our common stock or preferred stock. Our board of directors will determine the terms of each series of debt securities being offered.

We may issue the debt securities under an indenture or indentures between us and a trustee. In this document, we have summarized general features of the debt securities from the indenture. We encourage you to read the indenture, which is an exhibit to the registration statement of which this prospectus is a part.

Units

We may issue units consisting of some or all of the securities described above, in any combination, including common stock, preferred stock, warrants and/or debt securities. The terms of these units will be set forth in a prospectus supplement. The description of the terms of these units in the related prospectus supplement will not be complete. You should refer to the applicable form of unit and unit agreement for complete information with respect to these units.

RISK FACTORS

Investing in our securities involves a high degree of risk. The prospectus supplement applicable to each offering of securities will contain a discussion of the risks applicable to an investment in such securities. Prior to making a decision about investing in our securities, you should carefully consider the specific factors discussed under the heading “Risk Factors” in the applicable prospectus supplement, together with all of the other information contained or incorporated by reference in the prospectus supplement or appearing or incorporated by reference in this prospectus. You should also consider the risks, uncertainties and assumptions discussed under the heading “Risk Factors,” in our Annual Report on Form 10-K for the year ended December 31, 2014 filed with the SEC, which is incorporated herein by reference, and may be amended, supplemented, or superseded from time to time by other reports we file with the SEC in the future.

Additional risks and uncertainties beyond those set forth in our reports and not presently known to us or that we currently deem immaterial may also affect our operations. Any risks and uncertainties, whether set forth in our reports or otherwise, could cause our business, financial condition, results of operations and future prospects to be materially and adversely harmed. The trading price of our common stock could decline due to any of these risks and uncertainties, and, as a result, you may lose all or part of your investment.

FORWARD-LOOKING STATEMENTS

This prospectus, any prospectus supplement and the other documents we have filed with the SEC that are incorporated herein by reference contain forward-looking statements within the meaning of the Private Securities Litigation Reform Act of 1995 that involve risks and uncertainties, as well as assumptions that, if they never materialize or prove incorrect, could cause our results to differ materially from those expressed or implied by such forward-looking statements. These risks and uncertainties, including those discussed under the heading “Risk Factors” above, include the possibilities of delays or failures in development, production or commercialization of products, and in our reliance on third parties to achieve our goals.

All statements other than statements of historical fact are statements that could be deemed forward-looking statements, including any projections of financing needs, revenue, expenses, earnings or losses from operations, or other financial items; any statements of the plans, strategies and objectives of management for future operations; any statements concerning product research, development and commercialization plans and timelines; any statements regarding expected production capacities, volumes and costs; any statements regarding anticipated benefits of our products and expectations for commercial relationships; any other statements of expectation or belief; and any statements of assumptions underlying any of the foregoing. In addition, the words “believe,” “anticipate,” “expect,” “estimate,” “intend,” “plan,” “project,” “will be,” “will continue,” “will result,” “seek,” “could,” “may,” “might,” or any variant words or other words with similar meanings generally identify forward-looking statements.

Given these uncertainties, you should not place undue reliance on these forward-looking statements. You should read this prospectus, any supplements to this prospectus and the documents that we reference in this prospectus with the understanding that our actual future results may be materially different from what we expect.

The forward-looking statements in this prospectus and in any prospectus supplement or other document we have filed with the SEC represent our views as of the date thereof. We anticipate that subsequent events and developments will cause our views to change. However, while we may elect to update these forward-looking statements at some point in the future or to conform these statements to actual results or revised expectations, we have no current intention of doing so except to the extent required by applicable law. You should, therefore, not rely on these forward-looking statements as representing our views as of any date subsequent to the date of this prospectus.

RATIO OF EARNINGS TO FIXED CHARGES

The following table shows our ratio of earnings to fixed charges for the periods indicated (in thousands).

	Year Ended December 31,				
	2010	2011	2012	2013	2014
Ratio of earnings to fixed charges	—	—	—	—	1.19
Surplus/(deficiency) of earnings to fixed charges(1)	\$(81,870)	\$(178,317)	\$(204,713)	\$(235,921)	\$5,729

Earnings for the years ended December 31, 2013, 2012, 2011 and 2010 were insufficient to cover fixed charges of (1) \$10,707, \$7,114, \$3,143, and \$2,543, respectively, for such periods. Earnings for the years ended December 31, 2014 were sufficient to cover fixed charges of \$30,735.

USE OF PROCEEDS

We will have broad discretion in the way that we use the net proceeds of any offering under this prospectus. Except as otherwise provided in the applicable prospectus supplement, we intend to use the net proceeds from the sale of the securities covered by this prospectus for general corporate purposes, which may include working capital, capital expenditures, research and development expenditures, commercial expenditures, repayment of indebtedness, acquisitions of new technologies or businesses, and investments. The amounts that we actually spend for the purposes described above may vary significantly and will depend, in part, on the timing and amount of our future revenues, our future expenses and any potential acquisitions that we may propose. Additional information on the use of net proceeds from the sale of securities covered by this prospectus, including any specific plans for such proceeds, may be set forth in any prospectus supplement relating to the specific offering.

PLAN OF DISTRIBUTION

We may sell the securities offered through this prospectus (1) to or through underwriters or dealers, (2) directly to purchasers, including our affiliates, (3) through agents, or (4) through a combination of any of these methods. The securities may be distributed at a fixed price or prices, which may be changed, market prices prevailing at the time of sale, prices related to the prevailing market prices, or negotiated prices. The prospectus supplement will include the following information:

·the terms of the offering;

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