Cryoport, Inc.
Form S-3
March 13, 2019
As filed with the Securities and Exchange Commission on March 13, 2019
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Registration No. 333-
UNITED STATES
UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
WASHINGTON, D.C. 20549
FORM S-3
FORM 5-3
REGISTRATION STATEMENT
UNDER
THE SECURITIES ACT OF 1933
THE SECONTIES ACT OF 1733
CRYOPORT, INC.
(Exact name of registrant as specified in its charter)

Nevada 88-0313393 (State or other jurisdiction of incorporation or organization) Identification Number

17305 Daimler St.
Irvine, CA 92614
(949) 470-2300
(Address, including zip code, and telephone number, including area code, of registrant's principal executiv offices)
Robert Stefanovich
Chief Financial Officer
Cryoport, Inc.
17305 Daimler Street
Irvine, CA 92614
(949) 470-2300
(Name, address, including zip code, and telephone number, including area code, of agent for service)
Anthony Ippolito, Esq.
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Chief Financial Officer Cryoport, Inc. 17305 Daimler Street Irvine, CA 92614 (949) 470-2300 (Name, address, including zip code, and telephone number, including area code, of agent for service) With a copy to: Anthony Ippolito, Esq. Snell & Wilmer L.L.P. 600 Anton Boulevard., Suite 1400 Costa Mesa, CA 92626 Telephone: (714) 427-7000

Approximate date of commencement of proposed sale to the public: From time to time after the effective date of this registration statement.

If the only securities being registered on this form are being offered pursuant to dividend or interest reinvestment plans, please check the following box.

If any of the securities being registered on this form are to be offered on a delayed or continuous basis pursuant to Rule 415 under the Securities Act of 1933, other than securities offered only in connection with dividend or interest reinvestment plans, please check the following box. x

If this form is filed to register additional securities for an offering pursuant to Rule 462(b) under the Securities Act, please check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering."

If this form is a post-effective amendment filed pursuant to Rule 462(c) under the Securities Act, check the following box and list the Securities Act registration statement number of the earlier effective registration statement for the same offering."

If this form is a registration statement pursuant to General Instruction I.D. or a post-effective amendment thereto that shall become effective upon filing with the Commission pursuant to Rule 462(e) under the Securities Act, check the following box.

If this form is a post-effective amendment to a registration statement filed pursuant to General Instruction I.D. filed to register additional securities or additional classes of securities pursuant to Rule 413(b) under the Securities Act, check the following box.

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, a non-accelerated filer, a smaller reporting company, or an emerging growth company. See the definitions of "large accelerated filer," "accelerated filer," "smaller reporting company," and "emerging growth company" in Rule 12b-2 of the Exchange Act.

Large accelerated filer " Accelerated filer x
Non-accelerated filer " Smaller reporting company x
Emerging growth company "

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 7(a)(2)(B) of the Securities Act.

CALCULATION OF REGISTRATION FEE

			Proposed		
	Amount to be	Proposed maximum offering	maximum		
Title of each class of securities to be registered(1)		price per unit(1)	aggregate	Amount of	
		•	offering	registration fee(1)(4)	
			price(1)		
Common Stock, par value \$0.001 per share(2)	_	_	_	_	
Preferred Stock, par value \$0.001 per share(2)	_	_	_	_	
Warrants		_			
Subscription Rights(3)	_	_	_	_	
Units of the securities listed above	e—	_	_	_	
Total			\$100,000,000	0\$12,120	

An indeterminate aggregate initial offering price or number of securities of each identified class is being registered as may from time to time be offered at indeterminate prices, with an aggregate initial offering price not to exceed \$100,000,000. Pursuant to Rule 416 under the Securities Act of 1933, as amended (the "Securities Act"), there is also

(1) being registered such indeterminable number of additional shares of common stock, preferred stock, warrants, units and subscription rights as may be issued to prevent dilution resulting from share dividends, split-up, reverse split-up or similar events. Separate consideration may or may not be received for securities that are issuable on exercise, conversion or exchange of other securities or that are issued in units.

Includes an indeterminate number of shares of common stock or preferred stock as may be sold from time to time (2) at indeterminate prices or as may be issued upon conversion or exchange of preferred stock, warrants, units or subscription rights registered hereby.

Pursuant to Rule 457(g) under the Securities Act, no separate registration fee is payable with respect to the (3) subscription rights being offered hereby since the subscription rights are being registered in the same registration statement as the securities to be offered pursuant thereto.

(4) Calculated pursuant to Rule 457(o) under the Securities Act.

The registrant hereby amends this registration statement on such date or dates as may be necessary to delay its effective date until the registrant shall file a further amendment which specifically states that this registration statement shall thereafter become effective in accordance with Section 8(a) of the Securities Act or until the registration statement shall become effective on such date as the Commission, acting pursuant to said Section 8(a), may determine.

The information in this prospectus is not complete and may be changed. We may not sell these securities until the registration statement filed with the Securities and Exchange Commission is effective. This prospectus is not an offer to sell these securities and it is not soliciting an offer to buy these securities in any jurisdiction where this offer or sale is not permitted.

SUBJECT TO COMPLETION, DATED MARCH 13, 2019

PROSPECTUS

\$100,000,000

Common Stock / Preferred Stock / Warrants / Units / Subscription Rights

Cryoport, Inc., a Nevada corporation ("we," "us," "Cryoport" or the "Company"), may offer and sell from time to time, in one or more series or issuances and on terms that we will determine at the time of the offering, any combination of the securities described in this prospectus, up to an aggregate amount of \$100,000,000.

This prospectus may not be used to sell securities unless accompanied by a prospectus supplement, which will describe the method and the terms of the offering. We will provide you with specific amount, price and terms of the applicable offered securities in one or more supplements to this prospectus. You should carefully read this prospectus and the applicable prospectus supplement, as well as the documents incorporated or deemed to be incorporated by reference in this prospectus, before you purchase any of the securities offered hereby.

These securities may be offered and sold in the same offering or in separate offerings; to or through underwriters, dealers, and agents; or directly to purchasers. The names of any underwriters, dealers, or agents involved in the sale of our securities, their compensation and any over-allotment options held by them will be described in the applicable prospectus supplement. See "Plan of Distribution."

Our common stock and certain warrants are listed on The Nasdaq Capital Market under the symbols "CYRX" and "CYRXW", respectively. We will provide information in any applicable prospectus supplement regarding any listing of securities other than shares of our common stock and such warrants on any securities exchange.

Investing in our securities involves significant risks. Prior to making an investment decision, you should carefully review the information under the heading "Risk Factors" beginning on page 4 of this prospectus and any similar section contained in the applicable prospectus supplement or free writing prospectus concerning factors you should consider before investing in our securities.

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 , 2019.

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ABOUT THIS PROSPECTUS

This prospectus is part of a registration statement on Form S-3 that we filed with the United States Securities and Exchange Commission (the "SEC"), using a "shelf" registration process. Under this shelf process, we may, from time to time, offer or sell any combination of the securities described in this prospectus in one or more offerings up to a total amount of \$100,000,000.

This prospectus provides you with a general description of the securities we may offer. Each time we sell securities, we will provide a prospectus supplement that will contain specific information about the terms of that offering. The prospectus supplement may also add to, update or change information contained in the prospectus and, accordingly, to the extent inconsistent, information in this prospectus is superseded by the information in the prospectus supplement.

The prospectus supplement to be attached to the front of this prospectus may describe, as applicable: the terms of the securities offered; the initial public offering price; the price paid for the securities; net proceeds; and the other specific terms related to the offering of the securities.

You should rely only on the information contained or incorporated by reference in this prospectus and any prospectus supplement or issuer free writing prospectus relating to a particular offering. No one has been authorized to provide you with information that is different from that contained or incorporated by reference in this prospectus, any accompanying prospectus supplement and any related issuer free writing prospectus in connection with the offering described herein and therein, and, if given or made, such information or representations must not be relied upon as having been authorized by us. Neither this prospectus nor any prospectus supplement nor any related issuer free writing prospectus shall constitute an offer to sell or a solicitation of an offer to buy offered securities in any jurisdiction in which it is unlawful for such person to make such an offering or solicitation. This prospectus does not contain all of the information included in the registration statement. For a more complete understanding of the offering of the securities, you should refer to the registration statement, including its exhibits.

You should read the entire prospectus and any prospectus supplement and any related issuer free writing prospectus, as well as the documents incorporated by reference into this prospectus or any prospectus supplement or any related issuer free writing prospectus, before making an investment decision. Neither the delivery of this prospectus or any prospectus supplement or any issuer free writing prospectus nor any sale made hereunder shall under any circumstances imply that the information contained or incorporated by reference herein or in any prospectus supplement or issuer free writing prospectus is correct as of any date subsequent to the date hereof or of such prospectus supplement or issuer free writing prospectus, as applicable. You should assume that the information appearing in this prospectus, any prospectus supplement or any document incorporated by reference is accurate only as of the date of the applicable documents, regardless of the time of delivery of this prospectus or any sale of securities. Our business, financial condition, results of operations and prospects may have changed since that date.

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PROSPECTUS SUMMARY

This summary highlights the more detailed information contained elsewhere or incorporated by reference in this prospectus, and does not contain all of the information that you should consider before deciding to invest in our securities. You should carefully read the entire prospectus, the applicable prospectus supplement or free writing prospectus, including the risks of investing in our securities discussed under the heading "Risk Factors" contained on page 4 of this prospectus and any similar section contained in the applicable prospectus supplement or free writing prospectus concerning factors you should consider before investing in our securities, and under similar headings in the other documents that are incorporated by reference into this prospectus. Cryoport, Inc. is referred to throughout this prospectus as "Cryoport," "we" or "us."

About Cryoport

Cryoport is a life sciences services company focused on providing critical solutions, such as temperature controlled logistics, bioservices and end-product fulfillment to the biopharma, reproductive medicine and animal health markets. Our differentiated products and services enable our clients to ship, store and deliver biologics and other life sciences commodities in a continual temperature controlled state, including ultra-low cryogenic and other temperature ranges.

Cryoport's advanced, comprehensive and technology-centric systems and solutions were designed to support the global high-volume distribution of commercial biologic and cell based products regulated by the United States Food and Drug Administration (FDA) and other international regulatory bodies for distribution in the Americas, EMEA (Europe, the Middle East, and Africa) and APAC (Asia-Pacific) regions. Cryoport's solutions are also designed to support pre-clinical, clinical trials, Biologics License Applications (BLA), Investigational New Drug Applications (IND) and New Drug Applications (NDA) with the FDA as well global clinical trials initiated in other countries, where strict regulatory compliance and quality assurance is mandated. Our industry standard setting Chain of ComplianceTM solution, which includes vital analytics, such as 'chain-of-condition' and 'chain-of-custody' information in a single data stream, empowers our clients' continuous vigilance over their commodities. In addition, our Chain of ComplianceTM standard ensures full traceability of the equipment used and the processes employed, further supporting each client's goal to minimize risk and maximize success of their new biologics or other commodities as they are introduced into the global markets.

As part of our services, our technologies provide the ability for Cryoport personnel and our clients to monitor conditions of the internal shipping environment, location and other specified critical variables for each shipment in near real time. In accordance with client requirements, information is recorded and archived for each shipment for

scientific, quality assurance and regulatory purposes in a secure cloud-based system that can be accessed globally. This information provides an audit trail that can verify the in-shipment condition in which the life sciences commodity, material, product, vaccine or therapy was shipped and/or stored.

One of the most important features of our Cryoport Express® Solutions is the sophisticated, cloud-based, logistics management platform, which is branded as the Cryoportal® Logistics Management Platform. The Cryoportal® supports the management of shipments through a single interface, which includes order entry, document preparation, customs documentation, courier management, near real-time shipment tracking, issue resolution, and regulatory compliance requirements. In addition, it provides unique and incisive information dashboards and validation documentation for every shipment through data collected by the SmartPak IITM Condition Monitoring System). The Cryoportal® can record and retain a fully documented history of all Cryoport Express® Shippers, including 'chain-of-custody', 'chain-of-condition', 'chain-of-identity', and Chain of Compliance formation for each shipment, which is used to ensure that the stability of shipped biologic commodities are maintained throughout the shipping cycle. At the client's option, recorded information is archived, allowing the client to meet exacting requirements necessary for scientific work and/or for proof of regulatory compliance during the logistics process.

Our Cryoport Express® Solutions include a family of Cryoport Express® Shippers ranging from liquid nitrogen dry vapor shippers (-150°C) to our C3TM Shippers (2-8°C), which are powered by phase-change materials. Cryoport Express® Shippers are precision engineered assemblies that are reliable, cost-effective and reusable or recyclable. Our liquid nitrogen dry vapor Cryoport Express® Shippers utilize an innovative application of 'dry vapor' liquid nitrogen technology and, most often, include a SmartPak IITM Condition Monitoring System. Cryoport Express® Shippers meet International Air Transport Association ("IATA") requirements for transport, including Class 6.2 infectious substances. Cryoport Express® Shippers are also International Safe Transit Association ("ISTA") "Transit Tested" certified.

As part of our services, we assist and/or provide clients with secondary packaging that is placed inside the main chamber of our Cryoport Express® Shippers. In addition to vials, canes, straws, goblets, plates, etc., we also offer engineering and consulting services to assist clients in creating and developing customized secondary packaging that meet their specific requirements.

Our advanced technologies and dedicated personnel allow us to continue to expand our services footprint with a growing suite of services, products and competencies serving the life sciences industry, which currently include: information technology, primary and secondary packaging, near real-time monitoring, analytics, logistics distribution, consulting, laboratory relocation, fleet management, embedded logistics support, validation services (especially for shipping lanes and packaging). A sample of our client facing, value-added competencies addressing specific client requirements are as follows:

"Personalized Medicine and Cell-based Immunotherapy Solutions," designed for autologous therapies in which our Cryoport Express® Solutions serve as an enabling technology for the safe and efficient transportation of leukapheresis or apheresis blood products as well as the manufactured autologous cellular-based immunotherapies by providing a comprehensive logistics solution for the verified chain of condition and chain of custody, chain of identity, and Chain of ComplianceTM transport from, (a) the collection of the patient's blood or cells at a point-of-care setting, to (b) a central processing facility where they are manufactured into a personalized medicine, to (c) the safe, cryogenically preserved delivery of these often irreplaceable cells to a point-of-care treatment facility. If required, Cryoport Express® Shippers can then serve as a temporary freezer/repository supporting the efficient distribution of the personalized medicine to the patient when and where the medical provider needs it, without the expense and inconvenience of on-sight, cryopreservation storage freezers.

"Allogeneic Therapy Solutions," designed for allogeneic therapies in which our Cryoport Express Solutions serve as an enabling technology for the safe and efficient transportation of health donor blood products as well as the manufactured allogeneic therapies by providing a comprehensive logistic solutions for the verified chain of condition, chain of custody, chain of identity, and Chain of ComplianceTM transport from, (a) the blood collection center, to (b) the manufacturing facility for the allogeneic therapy, to (c) a storage and fulfillment facility, or (d) to a point-of-care treatment facility. Again, if required, the Cryoport Express® Shipper can then serve as a temporary freezer/repository to allow the efficient distribution of the personalized medicine to the patient.

"Embedded Solutions," our most comprehensive solution, which involves our management of the entire temperature controlled logistics process for our client using Cryoport technology and Cryoport employees working on-sight at the client's location to manage all of the client's temperature controlled logistics needs.

"Fleet Management," our fleet management support service is designed to reduce our clients upfront and recurring costs through optimized utilization of resources and minimization of equipment loss. We offer both complete and partial temperature controlled outsourced fleet management services, including fleet evaluation and disposition (if required), inventory control, fleet maintenance and ongoing fleet requalification and validation.

"Packaging Development," using 'Design-of-Experiment' and 'Quality-by-Design' processes, Cryoport can design, engineer and employ customized packaging and/or accessories to ensure effective distribution of our client's critical commodities using our in-house team of packaging engineering competencies in the cryogenic, 2-8°C and other temperature controlled ranges to meet or exceed our client's specifications. Packaging development may include integration of our SmartPak IITM Condition Monitoring System and the accommodation of our Cryoportal Logistics Management Platform into our clients' packaging configurations, providing full access to our logistics management support competencies.

"Consulting Services," provides our clients an opportunity to leverage our in-house talent to: design custom logistics plans, perform lane assessment, lane validation, carrier validation; design custom packaging and validation, permitting clinical trial logistics design; commercial launch planning; systems integration; and end user training.

"Laboratory Relocation," for large moves of life sciences commodities, we use redundant temperature controlled shippers and environmentally controlled trucks. Along with our logistics partners, we ensure the integrity of client materials during all logistics phases, including loading, transport, unloading and placement. Our service includes lane and carrier permitting and validation. Our large sample capacity Cryoport Express® CryoMaxTM Shipper has a holding time of up to 20 days and includes the benefit of our near real time SmartPak IITM Condition Monitoring System, which supplies monitoring information to our Cryoportal® Logistic Management Platform, providing LiveView information on the client's transport. By employing our 24/7/365 client support team to actively monitoring shipments and mitigate risks, we ensure safe shipping and relocation of large scale collections.

"powered by cryopor^M," available to providers of shipping and delivery services who seek to offer a "branded" cryogenic logistics solution as part of their service offerings. "powered by cryopor^M" appears prominently on the offering software interface and packaging. This option for the client to private label its service is available upon committing to certain requirements, such as minimum annual shipping volumes.

In addition to the offerings above, Cryoport is continuously evaluating, expanding and improving its range of services and solutions in response to market needs and client demand.

Our Corporate Information

We are a Nevada corporation originally incorporated under the name G.T.5-Limited ("GT5") on May 25, 1990. In connection with a Share Exchange Agreement, on March 15, 2005 we changed our name to Cryoport, Inc. and acquired all of the issued and outstanding shares of common stock of Cryoport Systems, Inc., a California corporation, in exchange for 200,901 shares of our common stock (which represented approximately 81% of the total issued and outstanding shares of common stock following the close of the transaction). Cryoport Systems, Inc., which was originally formed in 1999 as a California limited liability company, and subsequently reorganized into a California

corporation on December 11, 2000, remains the operating company under Cryoport, Inc. Our principal executive offices are located at 17305 Daimler Street, Irvine, CA 92614. The telephone number of our principal executive offices is (949) 470-2300, and our main corporate website is www.cryoport.com.

The Company became public by a reverse merger with a shell company in May 2005. Over time the Company has transitioned from being a development company to a fully operational public company, providing temperature controlled logistics solutions to the life sciences industry globally.

RISK FACTORS

An investment in our securities involves a high degree of risk. Before making an investment decision, you should consider carefully the risks discussed below, together with the risks under the heading "Risk Factors" in our Annual Report on Form 10-K for the fiscal year ended December 31, 2018, which is incorporated by reference into this prospectus, as well as the other information included or incorporated by reference in this prospectus. Our business, prospects, financial condition, or operating results could be harmed by any of these risks, as well as other risks not currently known to us or that we currently consider immaterial. The trading price of our securities could decline due to any of these risks, and, as a result, you may lose all or part of your investment. The prospectus supplement applicable to each offering of securities will contain additional information about risks applicable to an investment in us and the applicable securities.

FORWARD-LOOKING INFORMATION

§

This prospectus, including the documents incorporated by reference into this prospectus, contain forward-looking statements. All statements other than statements of historical fact, including statements regarding our future results of operations and financial position, business strategy and plans and objectives of management for future operations, are forward-looking statements. These statements involve known and unknown risks, uncertainties and other factors that may cause our actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements.

In some cases, you can identify forward-looking statements by terms such as "may," "will," "should," "expects," "plans," "anticipates," "could," "intends," "target," "projects," "contemplates," "believes," "estimates," "predicts," "potential," "continunt negative of these terms or other similar words. These statements are only predictions. We have based these forward-looking statements largely on our current expectations and projections about future events and financial trends that we believe may affect our business, financial condition and results of operations. We discuss many of the risks in greater detail under the heading "Risk Factors" in this prospectus and in our most recent Annual Report on Form 10-K, which you should review carefully. Also, these forward-looking statements represent our estimates and assumptions only as of the date of this prospectus. Forward-looking statements include, but are not necessarily limited to, those relating to:

§ our intention to introduce new products or services;

§ our expectations about securing strategic relationships with global couriers or large clinical research organizations;

§ our future capital needs;

§ results of our research and development efforts; and

§ approval of our patent applications.

Forward-looking statements are subject to risks and uncertainties, certain of which are beyond our control. Actual results could differ materially from those anticipated as a result of the factors described in "Risk Factors" in this prospectus, and detailed in our other SEC filings incorporated by reference herein, including among others:

the effect of regulation by United States and foreign governmental agencies;

- § research and development efforts, including delays in developing, or the failure to develop, our products;
 - § the development of competing or more effective products by other parties;
 - § uncertainty of market acceptance of our products;
 - § errors in business planning attributable to insufficient market size or segmentation data;
 - § problems that we may face in manufacturing, marketing and distributing our products;

§ problems that we may encounter in further development of Cryoport Express® Solutions, which includes the cloud-based logistics management software branded as Cryoportal®;

- § our inability to raise additional capital when needed;
- § delays in the issuance of, or the failure to obtain, patents for certain of our products and technologies;
 - § problems with important suppliers and strategic business partners; and
 - § difficulty or delays in establishing marketing relationships with international couriers.

Because of these risks and uncertainties, the forward-looking events and circumstances discussed in this prospectus might not transpire. Except for our ongoing obligations to disclose material information as required by the federal securities laws, we undertake no obligation to release publicly any revisions to any forward-looking statements to reflect events or circumstances after the date hereof or to reflect the occurrence of unanticipated events. All of the above factors are difficult to predict, contain uncertainties that may materially affect our actual results and may be beyond our control. New factors emerge from time to time, and it is not possible for our management to predict all of such factors or to assess the effect of each factor on our business. You are advised to consult any further disclosures we make on related subjects in the reports we file with the SEC.

This prospectus, including the documents incorporated by reference into this prospectus, also contain estimates and other industry and statistical data developed by independent parties and by us relating to market size, growth, and segmentation of markets. This data involves a number of assumptions and limitations, and you are cautioned not to give undue weight to such estimates. While we believe the data to be reliable, industry and statistical data is subject to variations and cannot be verified due to limits on the availability and reliability of data inputs, the voluntary nature of the data gathering process and other limitations and uncertainties inherent in any statistical survey. We have not independently verified these estimates generated by independent third parties. In addition, projections, assumptions, and estimates of our future performance and the future performance of the industries in which we operate are necessarily subject to a high degree of uncertainty and risk due to a variety of factors, including those described in "Risk Factors" and elsewhere in this prospectus and the documents incorporated by reference into this prospectus. These and other factors could cause results to differ materially from those expressed in the estimates made by the independent parties and by us.

USE OF PROCEEDS

Unless otherwise indicated in the prospectus supplement, we will use the net proceeds from the sale of securities offered by this prospectus primarily for general corporate purposes, including working capital, sales and marketing activities, general and administrative matters, and capital expenditures. We may also use a portion of the proceeds to acquire or invest in complementary products or businesses.

We have not yet determined the amount of net proceeds to be used specifically for any of the foregoing purposes. Accordingly, our management will have broad discretion over the uses of such proceeds. The specific allocations of the proceeds we receive from the sale of our securities will be described in the applicable prospectus supplement.

DESCRIPTION OF CAPITAL STOCK

Our authorized capital consists of 100,000,000 shares of common stock, \$0.001 par value per share, of which 30,436,322 shares of common stock were issued and outstanding as of March 1, 2019, and 2,500,000 shares of "blank check" preferred stock, \$0.001 par value per share, of which we have designated 800,000 shares as Class A Preferred Stock and 585,000 shares as Class B Preferred Stock, none of which are currently issued and outstanding. The following description is a summary and is qualified in its entirety by our Amended and Restated Articles of Incorporation, as amended to date, and our Amended and Restated Bylaws, as currently in effect, copies of which are referenced as exhibits herein, and the provisions of the Nevada Revised Statutes.

Common Stock

Subject to the preferential rights of any outstanding preferred stock, each holder of common stock is entitled to receive ratable dividends, if any, as may be declared by our board of directors out of funds legally available for the payment of dividends. As of the date of this prospectus, no dividends on common stock have been declared or paid by the Company. The Company intends to employ all available funds for the development of its business and, accordingly, does not intend to pay any cash dividends in the foreseeable future.

Holders of common stock are entitled to one vote for each share held of record. There are no cumulative voting rights in the election of directors. Thus, the holders of more than 50% of the outstanding shares of common stock can elect all of our directors if they choose to do so.

The holders of our common stock have no preemptive, subscription, conversion or redemption rights. Upon our liquidation, dissolution or winding-up, the holders of our common stock are entitled to receive our assets pro rata.

Preferred Stock

The following description of preferred stock and the description of the terms of any particular series of preferred stock that we choose to issue hereunder and that will be set forth in the related prospectus supplement are not complete. These descriptions are qualified in their entirety by reference to our certificate of incorporation and any amendments thereto relating to any series of preferred stock. The rights, preferences, privileges and restrictions of the preferred stock of each series will be fixed by the certificate of designation relating to that series. The prospectus supplement also will contain a description of certain United States federal income tax consequences relating to the purchase and

ownership of the series of preferred stock that is described in the prospectus supplement.

Our board of directors is empowered, without further action by stockholders, to issue from time to time one or more series of preferred stock, with such designations, rights, preferences and limitations as the board of directors may determine by resolution. The rights, preferences and limitations of separate series of preferred stock may differ with respect to such matters among such series as may be determined by our board of directors, including, without limitation, the rate of dividends, method and nature of payment of dividends, terms of redemption, amounts payable on liquidation, sinking fund provisions (if any), conversion rights (if any) and voting rights. Certain issuances of preferred stock may have the effect of delaying or preventing a change in control of our company that some stockholders may believe is not in their interest. Preferred stock will be fully paid and nonassessable upon issuance.

The 1	prospectus	supplement	for a	series	of	preferred	stock	will s	specify:

§ the maximum number of shares;

§ the designation of the shares;

§ the annual dividend rate, if any, whether the dividend rate is fixed or variable, the date or dates on which dividends will accrue, the dividend payment dates, and whether dividends will be cumulative;

§ the price and the terms and conditions for redemption, if any, including redemption at our option or at the option of the holders, including the time period for redemption, and any accumulated dividends or premiums;

the liquidation preference, if any, and any accumulated dividends upon the liquidation, dissolution or winding up of our affairs;

§ any sinking fund or similar provision, and, if so, the terms and provisions relating to the purpose and operation of the fund;

the terms and conditions, if any, for conversion or exchange of shares of any other class or classes of our capital § stock or any series of any other class or classes, or of any other series of the same class, or any other securities or assets, including the price or the rate of conversion or exchange and the method, if any, of adjustment;

the voting rights; and

 \S any or all other preferences and relative, participating, optional or other special rights, privileges or qualifications, limitations or restrictions.

The issuance of preferred stock will affect, and may adversely affect, the rights of holders of common stock. It is not possible to state the actual effect of the issuance of any shares of preferred stock on the rights of holders of common stock until our board of directors determines the specific rights attached to that preferred stock. The effects of issuing preferred stock could include one or more of the following:

§ restricting dividends on the common stock;

§ diluting the voting power of the common stock;

§ impairing the liquidation rights of the common stock; or

§ delaying or preventing changes in control or management of our company.

Nevada Anti-Takeover Law and Charter and Bylaws Provisions

§

Nevada Revised Statutes sections 78.378 to 78.3793 provide state regulation over the acquisition of a controlling interest in certain Nevada corporations unless the articles of incorporation or bylaws of the corporation provide that the provisions of these sections do not apply. This statute currently does not apply to our Company because in order to be applicable, we would need to have a specified number of Nevada residents as shareholders, and we would have to do business in Nevada directly or through an affiliate.

In addition, our amended and restated articles of incorporation and amended and restated bylaws contain provisions that may make the acquisition of our company more difficult, including, but not limited to, the following:

- § requiring at least 75% of outstanding voting stock in order to call a special meeting of stockholders;
 - § not allowing stockholders to take action by written consent in lieu of a meeting;

§ setting forth specific procedures regarding how our stockholders may present proposals or nominate directors for election at stockholder meetings;

- § requiring advance notice and duration of ownership requirements for stockholder proposals;
- § permitting our board of directors to issue preferred stock without stockholder approval; and
 - § limiting the rights of stockholders to amend our bylaws.

DESCRIPTION OF WARRANTS

We may issue warrants for the purchase of common stock or preferred stock or a combination thereof. Warrants may be issued independently or together with common stock or preferred stock and may be attached to or separate from any offered securities. Each series of warrants will be issued under a separate warrant agreement. This summary of some provisions of the warrants is not complete. You should refer to the warrant agreement relating to the specific warrants being offered for the complete terms of the warrants.

The particular terms of any issue of warrants will be described in the prospectus supplement relating to the issue. Those terms may include:

- § the number of shares of common stock or preferred stock purchasable upon the exercise of warrants to purchase such shares and the price at which such number of shares may be purchased upon such exercise;
- § the designation, stated value and terms (including, without limitation, liquidation, dividend, conversion and voting rights) of the series of preferred stock purchasable upon exercise of warrants to purchase preferred stock;
- § the date on which the right to exercise the warrants will commence and the date on which the right will expire;
 - § United States Federal income tax consequences applicable to the warrants;
 - § provision for changes to or adjustments in the exercise price; and

any additional terms of the warrants, including terms, procedures, and limitations relating to the exchange, exercise and settlement of the warrants.

Holders of equity warrants will not be entitled to:

§ vote, consent or receive dividends;

§ receive notice as stockholders with respect to any meeting of stockholders for the election of our directors or any other matter; or

§ exercise any rights as stockholders of the Company.

DESCRIPTION OF UNITS

We may issue units comprised of one or more of the other classes of securities described in this prospectus in any combination. Each unit will be issued so that the holder of the unit is also the holder of each security included in the unit. Thus, the holder of a unit will have the rights and obligations of a holder of each included security. The units may be issued under unit agreements to be entered into between us and a unit agent, as detailed in the prospectus supplement relating to the units being offered. The prospectus supplement will describe:

§ the designation and terms of the units and of the securities comprising the units, including whether and under what circumstances the securities comprising the units may be held or transferred separately;

- § a description of the terms of any unit agreement governing the units;
- § a description of the provisions for the payment, settlement, transfer or exchange of the units;
 - § a discussion of material federal income tax considerations, if applicable; and
- § whether the units if issued as a separate security will be issued in fully registered or global form.

The descriptions of the units in this prospectus and in any prospectus supplement are summaries of the material provisions of the applicable agreements. These descriptions do not restate those agreements in their entirety and may not contain all the information that you may find useful. We urge you to read the applicable agreements because they, and not the summaries, define your rights as holders of the units. For more information, please review the forms of the relevant agreements, which will be filed with the SEC promptly after the offering of units and will be available as described under the heading "Where You Can Find More Information."

DESCRIPTION OF SUBSCRIPTION RIGHTS

We may issue subscription rights to purchase common stock, preferred stock or other securities described in this prospectus or any combination thereof. These subscription rights may be issued independently or together with any other security offered by us and may or may not be transferable by the securityholder receiving the subscription rights in such offering. In connection with any offering of subscription rights, we may enter into a standby arrangement with one or more underwriters or other investors pursuant to which the underwriters or other investors may be required to purchase any securities remaining unsubscribed for after such offering.

To the extent appropriate, the applicable prospectus supplement will describe the specific terms of the subscription rights to purchase shares of our securities offered thereby, including the following:

- § the date of determining the securityholders entitled to the rights distribution;
 - § the price, if any, for the subscription rights;
- § the exercise price payable for the common stock, preferred stock or other securities upon the exercise of the subscription right;
 - § the number of subscription rights issued to each securityholder;
- § the amount of common stock, preferred stock, depositary shares or other securities that may be purchased per each subscription right;
- § any provisions for adjustment of the amount of securities receivable upon exercise of the subscription rights or of the exercise price of the subscription rights;
 - § the extent to which the subscription rights are transferable;
- § the date on which the right to exercise the subscription rights shall commence, and the date on which the subscription rights shall expire;

the extent to which the subscription rights may include an over-subscription privilege with respect to unsubscribed securities;

§ the material terms of any standby underwriting or purchase arrangement entered into by us in connection with the offering of subscription rights;

§ any applicable United States Federal income tax considerations; and

§ any other terms of the subscription rights, including the terms, procedures and limitations relating to the transferability, exchange and exercise of the subscription rights.

PLAN OF DISTRIBUTION

We may sell the securities offered through this prospectus (i) to or through underwriters or dealers, (ii) directly to purchasers, including our affiliates, (iii) through agents, or (iv) through a combination of any 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;			
§	the names of any underwriters or agents;			
§	the name or names of any managing underwriter or underwriters;			
§	the purchase price of the securities;			
§	the net proceeds from the sale of the securities;			
§	any delayed delivery arrangements;			
§ any underwriting discounts, commissions or agency fees and other items constituting underwriters' or agents' compensation;				
§	any initial public offering price;			
§ any	discounts or concessions allowed or reallowed or paid to dealers; and			
§	any commissions paid to agents.			

We may engage in at-the-market offerings into an existing trading market in accordance with Rule 415(a)(4). Any at-the-market offering will be through an underwriter or underwriters acting as principal or agent for us. Such offering may be made into an existing trading market for such securities in transactions at other than a fixed price on or through the Nasdaq Capital Market or any other securities exchange or quotation or trading service on which such

securities may be listed, quoted or traded at the time of sale.

We may issue to the holders of our common stock on a pro rata basis for no consideration, subscription rights to purchase shares of our common stock or preferred stock. These subscription rights may or may not be transferable by stockholders. The applicable prospectus supplement will describe the specific terms of any offering of our common or preferred stock through the issuance of subscription rights, including the terms of the subscription rights offering, the terms, procedures and limitations relating to the exchange and exercise of the subscription rights and, if applicable, the material terms of any standby underwriting or purchase arrangement entered into by us in connection with the offering of common or preferred stock through the issuance of subscription rights.

Sale Through Underwriters or Dealers

If underwriters are used in the sale, the underwriters will acquire the securities for their own account, including through underwriting, purchase, security lending or repurchase agreements with us. The underwriters may resell the securities from time to time in one or more transactions, including negotiated transactions. Underwriters may sell the securities in order to facilitate transactions in any of our other securities (described in this prospectus or otherwise), including other public or private transactions and short sales. Underwriters may offer securities to the public either through underwriting syndicates represented by one or more managing underwriters or directly by one or more firms acting as underwriters. Unless otherwise indicated in the prospectus supplement, the obligations of the underwriters to purchase the securities will be subject to certain conditions, and the underwriters will be obligated to purchase all the offered securities if they purchase any of them. The underwriters may change from time to time any initial public offering price and any discounts or concessions allowed or reallowed or paid to dealers.

If dealers are used in the sale of securities offered through this prospectus, we will sell the securities to them as principals. They may then resell those securities to the public at varying prices determined by the dealers at the time of resale. The prospectus supplement will include the names of the dealers and the terms of the transaction.

Direct Sales and Sales through Agents

We may sell the securities offered through this prospectus directly. In this case, no underwriters or agents would be involved. Such securities may also be sold through agents designated from time to time. The prospectus supplement will name any agent involved in the offer or sale of the offered securities and will describe any commissions payable to the agent. Unless otherwise indicated in the prospectus supplement, any agent will agree to use its reasonable best efforts to solicit purchases for the period of its appointment.

We may sell the securities directly to institutional investors or others who may be deemed to be underwriters within the meaning of the Securities Act with respect to any sale of those securities. The terms of any such sales will be described in the prospectus supplement.

Delayed Delivery Contracts

If the prospectus supplement indicates, we may authorize agents, underwriters or dealers to solicit offers from certain types of institutions to purchase securities at the public offering price under delayed delivery contracts. These contracts would provide for payment and delivery on a specified date in the future. The contracts would be subject only to those conditions described in the prospectus supplement. The applicable prospectus supplement will describe the commission payable for solicitation of those contracts.

Market Making, Stabilization and Other Transactions

Unless the applicable prospectus supplement states otherwise, each series of offered securities will be a new issue and will have no established trading market. We may elect to list any series of offered securities on an exchange. Any underwriters that we use in the sale of offered securities may make a market in such securities, but may discontinue such market making at any time without notice. Therefore, we cannot assure you that the securities will have a liquid trading market.

Any underwriter may also engage in stabilizing transactions, syndicate covering transactions and penalty bids in accordance with Rule 104 of Regulation M under the Securities Exchange Act of 1934, as amended (the "Exchange Act"). Stabilizing transactions involve bids to purchase the underlying security in the open market for the purpose of pegging, fixing or maintaining the price of the securities. Syndicate covering transactions involve purchases of the securities in the open market after the distribution has been completed in order to cover syndicate short positions.

Penalty bids permit the underwriters to reclaim a selling concession from a syndicate member when the securities originally sold by the syndicate member are purchased in a syndicate covering transaction to cover syndicate short positions. Stabilizing transactions, syndicate covering transactions and penalty bids may cause the price of the securities to be higher than it would be in the absence of the transactions. The underwriters may, if they commence these transactions, discontinue them at any time.

Derivative Transactions and Hedging

We, the underwriters or other agents may engage in derivative transactions involving the securities. These derivatives may consist of short sale transactions and other hedging activities. The underwriters or agents may acquire a long or short position in the securities, hold or resell securities acquired and purchase options or futures on the securities and other derivative instruments with returns linked to or related to changes in the price of the securities. In order to facilitate these derivative transactions, we may enter into security lending or repurchase agreements with the underwriters or agents. The underwriters or agents may effect the derivative transactions through sales of the securities to the public, including short sales, or by lending the securities in order to facilitate short sale transactions by others. The underwriters or agents may also use the securities purchased or borrowed from us or others (or, in the case of derivatives, securities received from us in settlement of those derivatives) to directly or indirectly settle sales of the securities or close out any related open borrowings of the securities.

Electronic Auctions

We may also make sales through the Internet or through other electronic means. Since we may from time to time elect to offer securities directly to the public, with or without the involvement of agents, underwriters or dealers, utilizing the Internet or other forms of electronic bidding or ordering systems for the pricing and allocation of such securities, you will want to pay particular attention to the description of that system we will provide in a prospectus supplement.

Such electronic system may allow bidders to directly participate, through electronic access to an auction site, by submitting conditional offers to buy that are subject to acceptance by us, and which may directly affect the price or other terms and conditions at which such securities are sold. These bidding or ordering systems may present to each bidder, on a so-called "real-time" basis, relevant information to assist in making a bid, such as the clearing spread at which the offering would be sold, based on the bids submitted, and whether a bidder's individual bids would be accepted, prorated or rejected.

Upon completion of such an electronic auction process, securities will be allocated based on prices bid, terms of bid or other factors. The final offering price at which securities would be sold and the allocation of securities among bidders would be based in whole or in part on the results of the Internet or other electronic bidding process or auction.

General Information

Agents, underwriters, and dealers may be entitled, under agreements entered into with us, to indemnification by us against certain liabilities, including liabilities under the Securities Act. Our agents, underwriters, and dealers, or their affiliates, may be customers of, engage in transactions with or perform services for us, in the ordinary course of business.

LEGAL MATTERS

Certain legal matters will be passed upon for us by Snell & Wilmer L.L.P., Costa Mesa, California. Additional legal matters may be passed upon for us, or any underwriters, dealers or agents, by counsel that we will name in the applicable prospectus supplement.

EXPERTS

KMJ Corbin & Company LLP, an independent registered public accounting firm, has audited our consolidated financial statements as of December 31, 2018 and 2017, and for the years ended December 31, 2018 and 2017, included in our Annual Report on Form 10-K for the year ended December 31, 2018, and the effectiveness of our internal control over financial reporting as of December 31, 2018, as set forth in their reports, which are incorporated by reference in this prospectus. Our consolidated financial statements are incorporated by reference in reliance on KMJ Corbin & Company LLP's report, given on their authority as experts in accounting and auditing.

WHERE YOU CAN FIND MORE INFORMATION

We are subject to the reporting requirements of the Exchange Act and file annual, quarterly and current reports, proxy statements and other information with the SEC. Our SEC filings are also available at the SEC's website at http://www.sec.gov.

We have also filed a registration statement on Form S-3, including exhibits, under the Securities Act with respect to the securities offered by this prospectus. This prospectus is part of the registration statement, but does not contain all of the information included in the registration statement or the exhibits. The registration statement is available at the SEC's website, as provided above.

We also maintain a website at http://www.cryoport.com, through which you can access our SEC filings. The information set forth on our website is not part of this prospectus.

INCORPORATION OF CERTAIN DOCUMENTS BY REFERENCE

§

The SEC allows us to "incorporate by reference" information into this prospectus. This means that we can disclose important information to you by referring you to another document filed separately with the SEC. The information incorporated by reference is considered to be part of this prospectus, except for any information that is superseded by information that is included directly in this or another document that is incorporated or deemed to be incorporated herein by reference.

This prospectus incorporates by reference the documents listed below and any future filings that we make with the SEC under Section 13(a), 13(c), 14 or 15(d) of the Exchange Act (other than current reports on Form 8-K furnished under Item 2.02 or Item 7.01 and exhibits filed on such form that are related to such items), until all the securities offered under this prospectus are sold.

 \S Our Annual Report on Form 10-K for the fiscal year ended December 31, 2018, as filed with the SEC on March 13, 2019;

Our Current Report on Form 8-K filed with the SEC on January 7, 2019; and

The description of our common stock contained in our Registration Statement on Form 8-A, filed with the SEC on July 22, 2015, and any other amendment or report filed for the purposes of updating such descriptions.

We will provide to each person, including any beneficial owner, to whom a prospectus is delivered, a copy of any or all of the information that has been incorporated by reference in the prospectus but not delivered with the prospectus, excluding any exhibit unless such exhibit is specifically incorporated by reference in that information. You can obtain documents incorporated by reference in this document by requesting them in writing or by telephone at the following address:

Cryoport, Inc.

17305 Daimler Street

Irvine, CA 92614

Attn: Chief Financial Officer

(949) 470-2300

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PART II

INFORMATION NOT REQUIRED IN PROSPECTUS

Item 14. Other Expenses of Issuance and Distribution.

The following table sets forth the expenses to be borne by the registrant in connection with the issuance and distribution of the securities registered hereby. Other than the SEC registration fee, all of the amounts below are estimates.

	Amount
SEC registration fee	\$12,120
Accounting fees and expenses	*
Legal fees and expenses	*
Financial printing and miscellaneous expenses	*
Total	\$*

^{*} These fees and expenses are calculated based on the securities offered and the number of issuances and, accordingly, cannot be estimated at this time. An estimate of the aggregate amount of these expenses will be reflected in the applicable prospectus supplement.

Item 15. Indemnification of Directors and Officers.

Under the Nevada Revised Statutes and our Amended and Restated Articles of Incorporation, as amended, our directors will have no personal liability to us or our stockholders for monetary damages incurred as the result of the breach or alleged breach by a director of his "duty of care." This provision does not apply to the directors' (i) acts or omissions that involve intentional misconduct or a knowing and culpable violation of law, (ii) acts or omissions that a director believes to be contrary to the best interests of the corporation or its stockholders or that involve the absence of good faith on the part of the director, (iii) approval of any transaction from which a director derives an improper personal benefit, (iv) acts or omissions that show a reckless disregard for the director's duty to the corporation or its stockholders in circumstances in which the director was aware, or should have been aware, in the ordinary course of performing a director's duties, of a risk of serious injury to the corporation or its stockholders, (v) acts or omissions that constituted an unexcused pattern of inattention that amounts to an abdication of the director's duty to the corporation or its stockholders, or (vi) approval of an unlawful dividend, distribution, stock repurchase or redemption.

This provision would generally absolve directors of personal liability for negligence in the performance of duties, including gross negligence.

Insofar as indemnification for liabilities arising under the Securities Act may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the SEC such indemnification is against public policy as expressed in the Securities Act and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act and will be governed by the final adjudication of such issue.

Item 16. Exhibits.

Exhibit Description

Number

- Amended and Restated Articles of Incorporation of the Company, as amended. Incorporated by reference to Exhibit 3.1 to the Company's Quarterly Report on Form 10-Q for the Quarter Ended September 30, 2012.

 Amended and Restated Bylaws of the Company. Incorporated by reference to Exhibit 3.1 of the Company's Current Report on Form 8-K dated February 8, 2016.
- <u>4.3</u> Amended and Restated Certificate of Designation of Class A Preferred Stock. Incorporated by reference to Exhibit 3.1 of the Company's Current Report on Form 8-K dated March 30, 2015.
- 4.4 Certificate of Designation of Class B Preferred Stock. Incorporated by reference to Exhibit 3.1 of the Company's Current Report on Form 8-K dated February 20, 2015.
- Amendment to Certificate of Designation of Class B Preferred Stock. Incorporated by reference to the

 4.5 Company's Amendment No. 1 to Registration Statement on Form S-1 dated April 17, 2015 and referred to as Exhibit 3.6.
- 4.6 Certificate of Change filed with the Nevada Secretary of State on May 12, 2015. Incorporated by reference to Exhibit 3.7 of the Company's Annual Report on Form 10-K filed with the SEC on May 19, 2015.
- Amendment to Certificate of Designation of Class A Preferred Stock. Incorporated by reference to the

 Company's Amendment No. 4 to Registration Statement on Form S-1 dated June 22, 2015 and referred to as Exhibit 3.8.
- Amendment to Certificate of Designation of Class B Preferred Stock. Incorporated by reference to the

 Company's Amendment No. 4 to Registration Statement on Form S-1 dated June 22, 2015 and referred to as Exhibit 3.9.
- 4.9 Amendment to Certificate of Designation of Class A Preferred Stock. Incorporated by reference to Exhibit 3.1 of the Company's Current Report on Form 8-K dated September 1, 2015.
- 4.10 Amendment to Certificate of Designation of Class B Preferred Stock. Incorporated by reference to Exhibit 3.2 of the Company's Current Report on Form 8-K dated September 1, 2015.
- 4.11 Certificate of Amendment filed with the Nevada Secretary of State on November 23, 2015. Incorporated by reference to Exhibit 3.1 of the Company's Current Report on Form 8-K dated November 23, 2015.
- Certificate of Amendment filed with the Nevada Secretary of State on May 30, 2018. Incorporated by reference to Exhibit 3.12 of the Company's Annual Report on Form 10-K filed with the SEC on March 13, 2019.

- 4.13 Cryoport, Inc. Stock Certificate Specimen. Incorporated by reference to Cryoport's Registration Statement on Form 10-SB/A4 filed with the SEC on October 20, 2005.
- 4.14* Form of Preferred Stock Certificate.
- 4.15* Form of Warrant Agreement (including form of warrant certificate).
- 4.16* Form of Unit Agreement (including form of unit certificate).
- 4.17* Form of Subscription Rights Agreement (including form of subscription rights certificate).
- 5.1 Opinion of Snell & Wilmer L.L.P.
- 23.1 Consent of KMJ Corbin & Company LLP, Independent Registered Public Accounting Firm.
- 23.2 Consent of Snell & Wilmer L.L.P. (included in Exhibit 5.1).
- 24.1 Power of Attorney (included as part of the signature page to this registration statement).

^{*}To be filed by amendment or incorporated by reference in connection with the offering of the securities.

Item 17. Undertakings.
The undersigned registrant hereby undertakes:
(1) To file, during any period in which offers or sales are being made, a post-effective amendment to this registration statement:
(i) To include any prospectus required by Section 10(a)(3) of the Securities Act of 1933;
To reflect in the prospectus any facts or events arising after the effective date of the registration statement (or the most recent post-effective amendment thereof) which, individually or in the aggregate, represent a fundamental change in the information set forth in the registration statement. Notwithstanding the foregoing, any increase or decrease in volume of securities offered (if the total dollar value of securities offered would not exceed that which (ii) was registered) and any deviation from the low or high end of the estimated maximum offering range may be reflected in the form of prospectus filed with the Securities and Exchange Commission pursuant to Rule 424(b) if, in the aggregate, the changes in volume and price represent no more than 20 percent change in the maximum aggregate offering price set forth in the "Calculation of Registration Fee" table in the effective registration statement; and
To include any material information with respect to the plan of distribution not previously disclosed in the registration statement or any material change to such information in the registration statement;
<i>Provided, however</i> , that paragraphs (a)(1)(i), (ii) and (iii) do not apply if the information required to be included in a post-effective amendment by those paragraphs is contained in reports filed with or furnished to the Securities and Exchange Commission by the registrant pursuant to Section 13 or Section 15(d) of the Securities Exchange Act of 1934 that are incorporated by reference in the registration statement, or is contained in a form of prospectus filed pursuant to Rule 424(b) that is part of the registration statement.
(2) That, for the purpose of determining any liability under the Securities Act of 1933, each such post-effective amendment shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial <i>bona fide</i> offering thereof.
(3) To remove from registration by means of a post-effective amendment any of the securities being registered

which remain unsold at the termination of the offering.

- (4) That, for the purpose of determining liability under the Securities Act of 1933 to any purchaser:
- (i) Each prospectus filed by the registrant pursuant to Rule 424(b)(3) shall be deemed to be part of the registration statement as of the date the filed prospectus was deemed part of and included in the registration statement; and

Each prospectus required to be filed pursuant to Rule 424(b)(2), (b)(5) or (b)(7) as part of a registration statement in reliance on Rule 430B relating to an offering made pursuant to Rule 415(a)(1)(i), (vii) or (x) for the purpose of providing the information required by Section 10(a) of the Securities Act of 1933 shall be deemed to be part of and included in the registration statement as of the earlier of the date such form of prospectus is first used after effectiveness or the date of the first contract of sale of securities in the offering described in the prospectus. As provided in Rule 430B, for liability purposes of the issuer and any person that is at that date an underwriter, such

date shall be deemed to be a new effective date of the registration statement relating to the securities in the registration statement to which that prospectus relates, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof. Provided, however, that no statement made in a registration statement or prospectus that is part of the registration statement or made in a document incorporated or deemed incorporated by reference into the registration statement or prospectus that is part of the registration statement will, as to a purchaser with a time of contract of sale prior to such effective date, supersede or modify any statement that was made in the registration statement or prospectus that was part of the registration statement or made in any such document immediately prior to such effective date.

- (5) That, for the purpose of determining liability of the registrant under the Securities Act of 1933 to any purchaser in the initial distribution of the securities, the undersigned registrant undertakes that in a primary offering of securities of the undersigned registrant pursuant to this registration statement, regardless of the underwriting method used to sell the securities to the purchaser, if the securities are offered or sold to such purchaser by means of any of the following communications, the undersigned registrant will be a seller to the purchaser and will be considered to offer or sell such securities to such purchaser:
- (i) Any preliminary prospectus or prospectus of the undersigned registrant relating to the offering required to be filed pursuant to Rule 424;
- (ii) Any free writing prospectus relating to the offering prepared by or on behalf of the undersigned registrant or used or referred to by the undersigned registrant;
- The portion of any other free writing prospectus relating to the offering containing material information about the undersigned registrant or its securities provided by or on behalf of the undersigned registrant; and
- (iv) Any other communication that is an offer in the offering made by the undersigned registrant to the purchaser.
- (6) The undersigned registrant hereby undertakes that, for purposes of determining any liability under the Securities Act of 1933, each filing of the registrant's annual report pursuant to Section 13(a) or Section 15(d) of the Securities Exchange Act of 1934 (and, where applicable, each filing of an employee benefit plan's annual report pursuant to Section 15(d) of the Securities Exchange Act of 1934) that is incorporated by reference in the registration statement shall be deemed to be a new registration statement relating to the securities offered therein, and the offering of such securities at that time shall be deemed to be the initial *bona fide* offering thereof.
- (7) The undersigned registrant hereby undertakes to supplement the prospectus, after the expiration of the subscription period, to set forth the results of the subscription offer, the transactions by the underwriters during the subscription period, the amount of unsubscribed securities to be purchased by the underwriters, and the terms of any subsequent reoffering thereof. If any public offering by the underwriters is to be made on terms differing from those set forth on the cover page of the prospectus, a post-effective amendment will be filed to set forth the terms of such offering.
- (8) Insofar as indemnification for liabilities arising under the Securities Act of 1933 may be permitted to directors, officers and controlling persons of the registrant pursuant to the foregoing provisions, or otherwise, the registrant has been advised that in the opinion of the Securities and Exchange Commission such indemnification is against public policy as expressed in the Securities Act of 1933 and is, therefore, unenforceable. In the event that a claim for indemnification against such liabilities (other than the payment by the registrant of expenses incurred or paid by a

director, officer or controlling person of the registrant in the successful defense of any action, suit or proceeding) is asserted by such director, officer or controlling person in connection with the securities being registered, the registrant will, unless in the opinion of its counsel the matter has been settled by controlling precedent, submit to a court of appropriate jurisdiction the question whether such indemnification by it is against public policy as expressed in the Securities Act of 1933 and will be governed by the final adjudication of such issue.

SIGNATURES

Pursuant to the requirements of the Securities Act of 1933, as amended, the registrant certifies that it has reasonable grounds to believe that it meets all of the requirements for filing on Form S-3 and has duly caused this registration statement to be signed on its behalf by the undersigned, thereunto duly authorized, in the City of Irvine, State of California, on March 13, 2019.

CRYOPORT, INC.

By: /s/ Robert Stefanovich Robert Stefanovich Chief Financial Officer

POWER OF ATTORNEY

The officers and directors of Cryoport, Inc. whose signatures appear below, hereby constitute and appoint Jerrell W. Shelton and Robert Stefanovich, and each of them severally, their true and lawful attorney-in-fact and agent, with full power of substitution, with power to act alone, to sign and execute on behalf of the undersigned any and all amendments to this registration statement on Form S-3, including post-effective amendments and any registration statement filed pursuant to Rule 462(b) under the Securities Act of 1933, as amended, and each of the undersigned does hereby ratify and confirm all that said attorney-in-fact and agent, or his substitutes, shall do or cause to be done by virtue hereof.

Pursuant to the requirements of the Securities Act of 1933, as amended, this registration statement on Form S-3 has been signed by the following persons in the capacities and on the dates indicated.

Signature	Title	Date
/s/ Jerrell W. Shelton Jerrell W. Shelton	Chairman, President and Chief Executive Officer (Principal Executive Officer)	March 13, 2019
/s/ Robert S. Stefanovich Robert S. Stefanovich	Chief Financial Officer, Treasurer and Corporate Secretary (Principal Financial Officer and Principal Accounting Officer)	March 13, 2019
/s/ Richard J. Berman	Director	March 13, 2019

Richard J. Berman

/s/ Robert Hariri Robert Hariri, M.D., Ph.D.	Director	March 13, 2019
/s/ Ramkumar Mandalam Ramkumar Mandalam, Ph.D.	Director	March 13, 2019
/s/ Edward J. Zecchini Edward J. Zecchini	Director	March 13, 2019
/s/ Dan Hancock Dan Hancock	Director	March 13, 2019