

Cryoport, Inc.  
Form SC 13G  
January 24, 2012

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**  
**WASHINGTON, D.C. 20549**  
**SCHEDULE 13G**  
**(Rule 13d-102)**  
**UNDER THE SECURITIES EXCHANGE ACT OF 1934**

(Amendment No.     )

**CryoPort, Inc.**

(Name of Issuer)

**Common Stock, \$0.001 par value per share**

(Title of Class of Securities)

**229050208**

(CUSIP Number)

**December 31, 2011**

(Date of Event Which Requires Filing of This Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

Rule 13d-1(b)

Rule 13d-1(c)

Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 ( Act ) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

---

CUSIP No. 229050208

SCHEDULE 13G

**1**  
 Name of Reporting Person  
**Westcliff Capital Management, LLC**

**2**  
 Check the Appropriate Box if a member of a Group  
(a)   
(b)

**3** SEC USE ONLY

**4**  
 Citizenship or Place of Organization  
**California**

	<b>5</b>	Sole Voting Power	<b>0</b>
	<b>6</b>	Shared Voting Power	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	<b>7</b>	Sole Dispositive Power	<b>2,956,736<sup>1</sup></b>
	<b>8</b>	Shared Dispositive Power	<b>0</b>
			<b>2,956,736<sup>1</sup></b>

**9**  
 Aggregate Amount Beneficially Owned by Each Reporting Person

**2,956,736<sup>1</sup>**

**10**  
 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares

**11**

Percent of Class Represented by Amount in Row 9

**9.99%<sup>1</sup>**

**12**

Type of Reporting Person

**IA**

1. The aggregate amount of Stock (as defined herein) beneficially owned includes shares of Stock held outright and shares of Stock obtainable upon exercise of Warrants (as defined herein). The exercise of Warrants held by the Reporting Persons (as defined herein) is subject to certain limitations, as further described in Item 4(a) herein, which generally prohibit the exercise of Warrants if, as a result of the exercise, the Warrant holder beneficially owns in excess of 9.99% of the Stock outstanding (after taking into account the shares to be issued to the Warrant holder upon such exercise).

---

CUSIP No. 229050208

SCHEDULE 13G

**1**  
 Name of Reporting Person  
**Richard S. Spencer III**

**2**  
 Check the Appropriate Box if a member of a Group  
(a)   
(b)

**3** SEC USE ONLY

**4**  
 Citizenship or Place of Organization  
**United States of America**

	<b>5</b>	Sole Voting Power	<b>0</b>
	<b>6</b>	Shared Voting Power	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH			<b>2,956,736<sup>1</sup></b>
	<b>7</b>	Sole Dispositive Power	
	<b>8</b>	Shared Dispositive Power	<b>0</b>
			<b>2,956,736<sup>1</sup></b>

**9**  
 Aggregate Amount Beneficially Owned by Each Reporting Person  
**2,956,736<sup>1</sup>**

**10**  
 Check Box if the Aggregate Amount in Row (9) Excludes Certain Shares

**11**

Percent of Class Represented by Amount in Row 9

**9.99%<sup>1</sup>**

**12**

Type of Reporting Person

**HC, IN**

1. The aggregate amount of Stock (as defined herein) beneficially owned includes shares of Stock held outright and shares of Stock obtainable upon exercise of Warrants (as defined herein). The exercise of Warrants held by the Reporting Persons (as defined herein) is subject to certain limitations, as further described in Item 4(a) herein, which generally prohibit the exercise of Warrants if, as a result of the exercise, the Warrant holder beneficially owns in excess of 9.99% of the Stock outstanding (after taking into account the shares to be issued to the Warrant holder upon such exercise).

---

CUSIP No. 229050208

SCHEDULE 13G

Page 4 of 8

Item 1(a). Name of Issuer:

CryoPort, Inc.(the Issuer ).

Item 1(b). Address of Issuer's Principal Executive Offices:

20382 Barents Sea Circle, Lake Forest, CA 92630.

Item 2(a). Names of Persons Filing:

This Statement is filed on behalf of Westcliff Capital Management, LLC ( Westcliff LLC ) and Richard S. Spencer III ("Spencer", and together with Westcliff LLC, the "Reporting Persons"). This Statement relates to the Stock (as defined below) and the warrants to purchase Stock ( Warrants ) held for the account of Ashdon Select Managers ( Ashdon ), Chrysler LLC Master Retirement Trust ( Chrysler Trust ), Westcliff Aggressive Growth, LP ( Aggressive Growth ), Westcliff Foundation ( Foundation ), Westcliff Fund, LP ( Fund ), Westcliff Long/Short, LP ( Long/Short ), Westcliff Partners, LP ( Partners ), and Westcliff Ventures Fund, LP ( Ventures Fund ). Westcliff LLC is the investment manager of Ashdon, Chrysler Trust, and Foundation, and is the General Partner for Aggressive Growth, Fund, Long/Short, Partners and Ventures Fund. Spencer is Westcliff LLC's manager and majority owner. In such capacities, each of the Reporting Persons may be deemed to beneficially own the Stock held for the above identified accounts, in that each of the Reporting Persons may be deemed to have the power to direct the voting or disposition of the Stock.

Item 2(b). Address of Principal Business Office or, if none, Residence:

200 Seventh Avenue, Suite 105, Santa Cruz, CA 95062.

Item 2(c). Citizenship:

See Item 4 of the cover page for each Reporting Person.

Item 2(d). Title of Class of Securities:

This Statement relates to the shares of common stock, \$0.001 par value per share, of the Issuer (the "Stock").

Item 2(e). CUSIP Number:

229050208

Item 3.

If this statement is filed pursuant to §§ 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

(a)

“ Broker or dealer registered under section 15 of the Act (15 U.S.C. 78o).

(b)

“ Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).

(c)

“ Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).

---



CUSIP No. 229050208

SCHEDULE 13G

Page 5 of 8

- (d)
  - “ Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C. 80a-8).
- (e)
  - ý An investment adviser in accordance with § 240.13d-1(b)(1)(ii)(E);
- (f)
  - “ An employee benefit plan or endowment fund in accordance with § 240.13d-1(b)(1)(ii)(F);
- (g)
  - ý A parent holding company or control person in accordance with § 240.13d-1(b)(1)(ii)(G);
- (h)
  - “ A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i)
  - “ A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j)
  - “ Group, in accordance with § 240.13d-1(b)(1)(ii)(J).

Item 4.

Ownership.

See Items 5-9 and 11 of the cover page for each Reporting Person.

The Reporting Persons hold 1,642,857 shares of Stock and hold Warrants that are exercisable, in the aggregate, into 1,642,857 shares of Stock. However, the Warrants held by the Reporting Persons are subject to certain limitations, set forth in the Form of Warrant included as Exhibit 4.15 to the Form S-1/A filed by the Issuer on April 22, 2011, that generally limits the exercise of the Warrants if the number of shares of Stock issuable upon the exercise of the Warrants would result in beneficial ownership by the Warrant holder and its affiliates of more than

9.99%. Accordingly, as of December 31, 2011, each of the Reporting Persons may be deemed to be the beneficial owner of 1,642,857 shares of Stock and 1,313,879 shares of Stock upon exercise of Warrants, which, in the aggregate, represents approximately 9.99% of the outstanding Stock of the Issuer. There were 28,283,074 shares of Stock outstanding as of November 10, 2011, according to the Issuer's quarterly report on Form 10-Q, filed November 14, 2011. Each of the Reporting Persons may be deemed the beneficial owner of 1,313,879 shares of Stock upon exercise of warrants. Pursuant to Rule 13d-3(d)(1)(i), such Stock has been added to the Issuer's total number of Stock outstanding, for a total of 29,596,953 Stock outstanding for purposes of calculating each of the Reporting Person's beneficial ownership percentage.

The Stock beneficially owned by each of the Reporting Persons consists of: (A) 73,043 shares of Stock and 58,416 shares of Stock upon exercise of Warrants held for the account of Ashdon; (B) 619,028 shares of Stock and 495,069 shares of Stock upon exercise of Warrants held for the account of Chrysler Trust; (C) 70,880 shares of Stock and 56,686 shares of Stock upon exercise of Warrants held for the account of Aggressive Growth; (D) 12,658 shares of Stock and 10,123 shares of Stock upon exercise of Warrants held for the account of Foundation; (E) 400,848 shares of Stock and 320,579 shares of Stock upon exercise of Warrants held for the account of Fund; (F) 220,033 shares of Stock and 175,972 shares of Stock upon exercise of Warrants held for the account of Long/Short; (G) 119,710 shares of Stock and 95,738 shares of Stock upon exercise of Warrants held for the account of Partners; and (H) 126,657 shares of Stock and 101,294 shares of Stock upon exercise of Warrants held for the account of Ventures Fund.

---

CUSIP No. 229050208

SCHEDULE 13G

Page 6 of 8

Item 5.

Ownership of Five Percent or Less of a Class.

Not Applicable.

Item 6.

Ownership of More Than Five Percent on Behalf of Another Person.

The investment partnerships, pooled investment vehicles and/or other client accounts identified in Item 2(a) are known to have the right to receive or the power to direct the receipt of dividends from, or the proceeds from the sale of, the Stock covered by this Statement that may be deemed to be beneficially owned by the Reporting Persons. No single client account's holdings exceed five percent of the Stock.

Item 7.

Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.

Not applicable.

Item 8.

Identification and Classification of Members of the Group.

Not applicable.

Item 9.

Notice of Dissolution of Group.

Not applicable.

Item 10.

Certifications.

By signing below, each of the signatories certifies that, to the best of its knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the

purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

---

CUSIP No. 229050208

SCHEDULE 13G

Page 7 of 8

Signatures

After reasonable inquiry and to the best of its knowledge and belief, each of the signatories certifies that the information set forth in this statement is true, complete and correct.

Dated: January 23, 2012

**WESTCLIFF CAPITAL MANAGEMENT, LLC**

By:

/s/ Richard S. Spencer III

Richard S. Spencer III

Manager

**RICHARD S. SPENCER III**

/s/ Richard S. Spencer III

Richard S. Spencer III

CUSIP No. 229050208

SCHEDULE 13G

Page 8 of 8

EXHIBIT A

JOINT FILING UNDERTAKING

The undersigned, being authorized thereunto, hereby execute this agreement as an exhibit to this Schedule 13G to evidence the agreement of the below-named parties, in accordance with rules promulgated pursuant to the Securities Exchange Act of 1934, to file this Schedule, as it may be amended, jointly on behalf of each of such parties.

Dated: January 23, 2012

**WESTCLIFF CAPITAL MANAGEMENT, LLC**

By:

/s/ Richard S. Spencer III

Richard S. Spencer III, Manager  
**RICHARD S. SPENCER III**

/s/ Richard S. Spencer III

Richard S. Spencer III