



N/A

(Former Name or Former Address, if Changed Since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
  - Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
  - Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
  - Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))
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**Item 5.07.****Submission of Matters to a Vote of Security Holders.**

On July 15, 2014, International Isotopes Inc. (the *Company*) held its 2014 Annual Meeting of Shareholders (the *Annual Meeting*) in New York, New York. At the Annual Meeting, there were 314,301,133 shares of the Company's common stock represented to vote either in person or by proxy, or approximately 85.1% of the outstanding shares of the Company, which represented a quorum. The final results of voting for each matter submitted to a vote of the shareholders at the Annual Meeting are as follows:

1.

Steve T. Laflin, Christopher Grosso and Ralph M. Richart were elected as directors of the Company, each to serve a one year term or until his respective successor has been duly elected and qualified. The voting for each director was as follows:

| <b>Nominee</b>     | <b>Votes For</b> | <b>Votes Withheld</b> | <b>Broker Non-Votes</b> |
|--------------------|------------------|-----------------------|-------------------------|
| Steve T. Laflin    | 188,714,071      | 1,186,035             | 124,401,027             |
| Christopher Grosso | 188,715,596      | 1,184,510             | 124,401,027             |
| Ralph M. Richart   | 188,724,100      | 1,176,006             | 124,401,027             |

2.

Eide Bailly LLP was ratified as the Company's independent registered public accounting firm for the fiscal year ending December 31, 2014, by the following vote:

| <b>Votes For</b> | <b>Votes Against</b> | <b>Abstain</b> | <b>Broker Non-Votes</b> |
|------------------|----------------------|----------------|-------------------------|
| 313,336,692      | 620,157              | 344,284        | 0                       |

3.

The proposal regarding the advisory vote to approve the compensation of the Company's named executive officers was approved based on the following votes:

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| <b>Votes For</b> | <b>Votes Against</b> | <b>Abstain</b> | <b>Broker Non-Votes</b> |
|------------------|----------------------|----------------|-------------------------|
| 187,685,891      | 2,033,887            | 180,328        | 124,401,027             |

**SIGNATURES**

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

**International Isotopes Inc.**

Date: July 18, 2014

By:

/s/ Steve T. Laflin  
Steve T. Laflin

President and Chief Executive Officer