UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 8-K

CURRENT REPORT

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

Date of Report (Date of earliest event reported): May 23, 2017

DIFFUSION PHARMACEUTICALS INC.

(Exact name of registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation)

000-24477 (Commission File Number)

30-0645032 (I.R.S. Employer Identification No.)

2020 Avon Court, #4 Charlottesville, Virginia (Address of principal executive offices)

22902 (Zip Code)

(434) 220-0718

(Registrant's telephone number, including area code)

Not applicable

(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))
Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§ 230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§ 240.12b-2 of this chapter). 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 13(a) of the Exchange Act.

Item 3.01 - Notice of Delisting or Failure to Satisfy a Continued Listing Rule or Standard; Transfer of Listing.

On May 23, 2017, Diffusion Pharmaceuticals Inc. (the "Company") received a written notice from the staff (the "Staff") of the Listing Qualifications Department of The Nasdaq Stock Market, LLC ("Nasdaq") indicating that the Company was not in compliance with Nasdaq Listing Rule 5550(b)(2) because the market value of the Company's listed securities had been below \$35 million for the previous 30 consecutive business days. The Staff also noted that as of such date the Company also did not meet the alternative requirements under Nasdaq Listing Rule 5550(b)(1), due to the Company's failure to maintain stockholders' equity of at least \$2.5 million, or Nasdaq Listing Rule 5550(b)(3), due to the Company's failure to generate net income from continuing operations during its last fiscal year or during two of its last three fiscal years.

In accordance with Nasdaq Listing Rule 5810(c)(3)(C), the Company has 180 calendar days from the date of the notice, or until November 20, 2017, to regain compliance with the minimum market value of listed securities requirement or the minimum stockholders' equity requirement. To regain compliance, the market value of the Company's listed securities must close at \$35 million or more for a minimum of 10 consecutive business days or the Company must report stockholders' equity of at least \$2.5 million.

Nasdaq's written notice has no effect on the listing or trading of the Company's common stock at this time, and the Company is currently evaluating its alternatives to resolve this listing deficiency.

SIGNATURES

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

Dated: May 26, 2017 DIFFUSION PHARMACEUTICALS INC.

By: /s/ David G. Kalergis

Name: David G. Kalergis
Title: Chief Executive Officer