

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, DC 20549**

**FORM 8-A**

**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES  
PURSUANT TO SECTION 12(b) OR 12(g) OF THE  
SECURITIES EXCHANGE ACT OF 1934**

**Brainsway Ltd.**

(Exact Name of Registrant as Specified in its Charter)

**State of Israel**  
(State or Other Jurisdiction of  
Incorporation or Organization)

**Not Applicable**  
(IRS Employer  
Identification No.)

**19 Hartum Street, Bynet Building, 3rd Floor**  
**Har HaHotzvim, Jerusalem, Israel**  
(Address of principal executive offices)

**9777518**  
(Zip Code)

Securities to be registered pursuant to Section 12(b) of the Act:

<u>Title of each class to be registered</u>	<u>Name of each exchange on which each class is to be registered</u>
American Depositary Shares, each representing two (2) Ordinary Shares, par value NIS 0.04 per share	The Nasdaq Stock Market LLC
Ordinary Shares, par value NIS 0.04 per share*	N/A

\* Not for trading, but only in connection with the registration of the American Depositary Shares pursuant to requirements of the Securities and Exchange Commission.

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A. (c) or (e), please check the following box.  x

If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A. (d) or (e), please check the following box.  o

If this form relates to the registration of a class of securities concurrently with a Regulation A offering, check the following box.  o

Securities Act registration statement or Regulation A Offering Statement file number to which this form relates: 333-229233

Securities to be registered pursuant to Section 12(g) of the Act: None.

**Item 1. Description of Registrant's Securities to be Registered.**

The descriptions of the ordinary shares and American Depositary Shares of Brainsway Ltd. (the "Registrant"), as included under the captions "Description of Share Capital" and "Description of American Depositary Shares" in the prospectus forming a part of the Registration Statement on Form F-1, as amended (Registration No. 333-229233) (the "Registration Statement"), filed under the Securities Act of 1933, as amended (the "Securities Act"), are incorporated by reference herein. In addition, any description of such securities contained in a form of prospectus relating to the Registration Statement subsequently filed by the Company pursuant to Rule 424(b) under the Securities Act shall be deemed to be incorporated by reference herein.

**Item 2. Exhibits.**

Under the Instructions as to Exhibits with respect to Form 8-A, no exhibits are required to be filed because no other securities of the Registrant are registered on The Nasdaq Stock Market LLC and the securities registered hereby are not being registered pursuant to Section 12(g) of the Securities Exchange Act of 1934, as amended.

SIGNATURE

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

**Brainsway Ltd.**

Date: April 11, 2019

By: /s/ Yaacov Michlin  
Name: Yaacov Michlin  
Title: Chief Executive Officer