



New York Stock Exchange  
11 Wall Street  
New York, NY 10005

September 10, 2019

Chief, Information Technology  
Securities and Exchange Commission  
Division of Corporate Finance  
100 F Street, NE MS 3040  
Washington, DC 20549

To whom it may concern:

The NYSE Arca certifies its approval for listing and registration of the iPath® Series B Carbon Exchange-Traded Notes of Barclays Bank PLC under the Exchange Act of 1934.

Sincerely,

A handwritten signature in black ink, appearing to read "Ben Savage", written over a light gray rectangular background.