

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549  
Notice of Effectiveness

**Effectiveness Date:** May 24, 2023 4:00 P.M.

**Form:** S-1

---

**CIK:** [0001843724](#)

**Company Name:** LanzaTech Global, Inc.

**File Number:** [333-269735](#)