UNITED STATES SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

FORM 6-K/A

REPORT OF FOREIGN PRIVATE ISSUER PURSUANT TO RULE 13a-16 OR 15d-16 UNDER THE SECURITIES EXCHANGE ACT OF 1934

For the month of November 2024

Commission File Number: 001-41426

Nano Labs Ltd (Exact name of registrant as specified in its charter)

China Yuangu Hanggang Technology Building 509 Qianjiang Road, Shangcheng District, Hangzhou, Zhejiang, 310000 People's Republic of China (Address of principal executive office)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F ⊠ Form 40-F □

EXPLANATORY NOTE

This report on Form 6-K/A of Nano Labs Ltd (the "Company") amends the Company's reports on <u>Form 6-K</u> filed with the U.S. Securities and Exchange Commission (the "SEC") on November 18, 2024 (the "Form 6-K"), solely to incorporate by reference the information contained in the Form 6-K into the Company's registration statement on <u>Form F-3</u> (Registration No. 333-273968) filed with the SEC with an effective date of September 1, 2023. The report on the Form 6-K, as amended, shall be a part of the Company's registration statement on Form F-3 from the date on which the Form 6-K was furnished, to the extent not superseded by documents or reports subsequently filed or furnished.

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, thereunto duly authorized.

Nano Labs Ltd

Date: November 20, 2024

By: /s/ Jianping Kong

Name: Jianping Kong Title: Chairman and Chief Executive Officer

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