

Mobix Labs, Inc.
15420 Laguna Canyon Rd., Suite 100
Irvine, California 92618

August 26, 2024

VIA EDGAR

United States Securities and Exchange Commission
Division of Corporation Finance
100 F Street, N.E.
Washington, D.C. 20549-3561

Attention: Eranga Dias

Re: Mobix Labs, Inc.
Amendment No. 1 to the Registration Statement on Form S-1
Filed August 26, 2024
File No. 333-281492

Dear Mr. Dias:

Mobix Labs, Inc. (the "Company") hereby requests acceleration of the effective date of the above-referenced registration statement so that it may become effective at 4:30 p.m., Eastern Time, on August 28, 2024, or as soon as practicable thereafter.

Should you have any questions or comments regarding this matter, please contact the Company's legal counsel, Laurie L. Green, at (954) 768-8232.

[Signature page follows]

Very truly yours,

Mobix Labs, Inc.

By: /s/ Keyvan Samini

Name: Keyvan Samini

Title: President and Chief Financial Officer

cc: Laurie L. Green, Esq.
Greenberg Traurig, P.A.
