

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

May 29, 2024

Daniel Mamadou Chief Executive Officer Welsbach Technology Metals Acquisition Corp. 4422 N. Ravenswood Ave #1025 Chicago, Illinois 60640

> Re: Welsbach Technology Metals Acquisition Corp. Preliminary Proxy Statement on Schedule 14A Filed on May 17, 2024 File No. 001-41183

Dear Daniel Mamadou:

We have completed our review of your filing. We remind you that the company and its management are responsible for the accuracy and adequacy of their disclosures, notwithstanding any review, comments, action or absence of action by the staff.

Sincerely,

Division of Corporation Finance Office of Manufacturing