

**MIRION TECHNOLOGIES, INC.**  
1218 Menlo Drive  
Atlanta, Georgia 30318

November 2, 2021

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

RE: **Mirion Technologies, Inc.**  
**Registration Statement on Form S-1**  
**File No. 333-260528**

Ladies and Gentlemen:

Mirion Technologies, Inc. (the "**Registrant**") hereby requests that the U.S. Securities and Exchange Commission (the "**Commission**") take appropriate action to cause the above-referenced Registration Statement on Form S-1 to become effective on November 4, 2021, at 4:15 p.m., Eastern Time, or as soon thereafter as is practicable or at such later time as the Registrant may orally request via telephone call to the staff of the Commission. The Registrant hereby authorizes Alan F. Denenberg of Davis Polk & Wardwell LLP, counsel to the Registrant, to make such request on its behalf.

Once the Registration Statement has been declared effective, please orally confirm that event with Alan F. Denenberg of Davis Polk & Wardwell LLP, counsel to the Registrant, at (650) 752-2004.

*[Signature Page Follows]*

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Very truly yours,

**MIRION TECHNOLOGIES, INC.**

By: /s/ Thomas D. Logan

Name: Thomas D. Logan

Title: Chief Executive Officer and Director

cc: Thomas D. Logan, Mirion Technologies, Inc.  
Brian Schopfer, Mirion Technologies, Inc.  
Alan F. Denenberg, Davis Polk & Wardwell LLP  
Stephen Salmon, Davis Polk & Wardwell LLP  
Bryan M. Quinn, Davis Polk & Wardwell LLP

*[Signature Page to Acceleration Request]*