

Dr. Emily Carter

January 16, 2026

Acme Corporation

RE: Microbiologist

Dear Hiring Manager,

I am writing to express my enthusiasm for the Microbiologist position at Acme Corporation, which I discovered on your careers page. With a robust background in microbial research and a passion for advancing biotechnological applications, I am excited about the opportunity to contribute to your innovative team.

In my previous role at BioTech Solutions, I successfully led a project that focused on isolating and characterizing novel antibiotic compounds from soil microbes. This research not only resulted in the identification of three promising candidates for further development but also contributed to a publication in the *Journal of Applied Microbiology*. Additionally, I developed a rapid screening method that reduced the lead time for antibiotic discovery by 30%, significantly accelerating our research timeline and enhancing our competitive edge in the marketplace.

Furthermore, I collaborated with cross-functional teams to implement quality control measures in microbiological testing protocols, which improved the accuracy of our results by 20%. My experience with advanced techniques such as PCR and next-generation sequencing has equipped me with the skills necessary to address complex challenges in microbial analysis. I am eager to bring this expertise to Acme Corporation and contribute to your ongoing projects.

I am looking forward to the possibility of discussing how my background, skills, and enthusiasms align with the goals of Acme Corporation. Thank you for considering my application. I hope to speak with you soon to explore how I can add value to your microbiological research efforts.

Sincerely,

Dr. Emily Carter