



Letter from Hans Friedenthal to Georg Bredig

Friedenthal, Hans Wilhelm Carl. "Letter from Hans Friedenthal to Georg Bredig," February 11, 1899. Papers of Georg and Max Bredig, Box 1, Folder 41. Science History Institute. Philadelphia. <https://digital.sciencehistory.org/works/49yptqb>.

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Translated by Jocelyn R. McDaniel

English Translation

Image 1

Charlottenburg, February 11, 1899

Dear Dr. Bredig,

Thank you for sending your interesting work, to which I have responded by sending some of my papers addressing the field of physical chemistry. Despite the undoubted relationship between the processes of H_2O_2 catalysis and the effect of digestive ferments, I have thus far considered these to be generic reactions.

Image 2

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Moreover, I will therefore consider your helpful suggestion to take time to measure the ferment unit until my experiments to determine the exact function of the amount of fermentation conclude.

Could I ask you to kindly let me know in writing how the processes in physical chemistry are

interpreted, which conclude that twice the platinum concentration does not produce twice the amount of H_2O_2 in the same time frame, because I am not familiar with the aforementioned comparison functions?

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Hence, it is impossible for me to imagine anything else regarding the disturbances in dark fermentation caused by decomposition products other than a proportionality between the speed of action and the concentration. Should the latter be the case, I should also emphasize the number of altered molecules as the appropriate measurement for the amount of ferment. Thank you again for your valuable shipment.

Sincerely,

Dr. Hans Friedenthal

Charlottenburg, Bismarkstrasse 96