Graph referenced as "H-D [hydrogen-deuterium] exchange of proteins by infra-red spectrum (Blout et al 1961)"

Contributors

Gratzer, W. B. (Walter Bruno), 1932-

Publication/Creation

February 1963

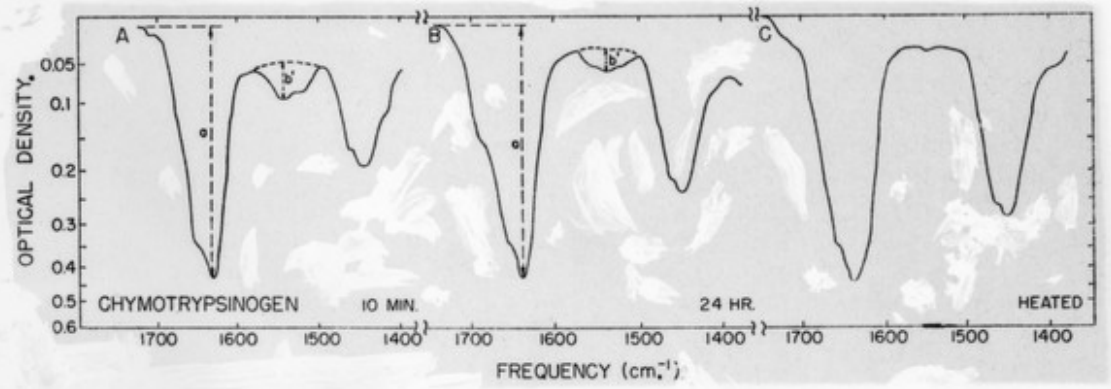
Persistent URL

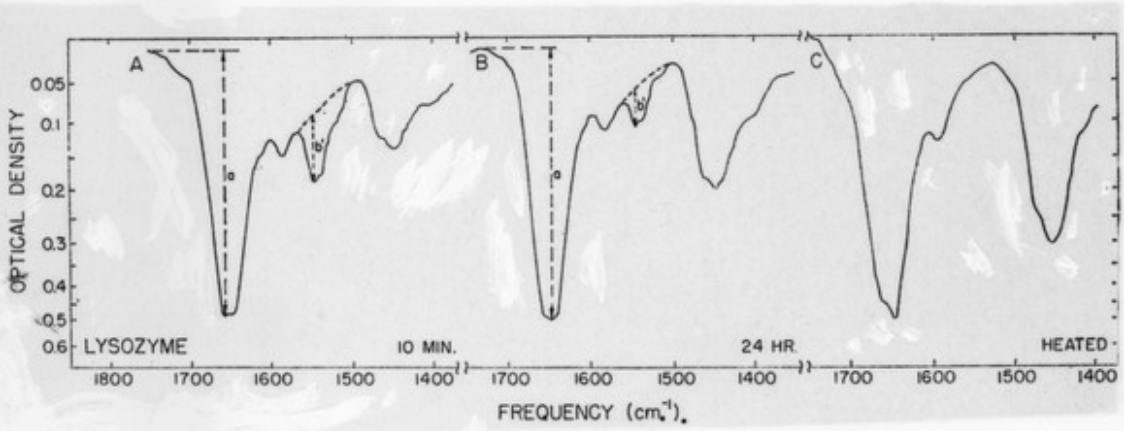
https://wellcomecollection.org/works/s6kbdj84

License and attribution

wellcome collection

Wellcome Collection
183 Euston Road
London NW1 2BE UK
T +44 (0)20 7611 8722
E library@wellcomecollection.org
https://wellcomecollection.org





his may be caused by the pre[illegible]pping nds in this region. Chymotr[illegible]g. 5) is example of a protein which sho[illegible]no ion-ed carboxyl (1575 cm.$^{-1}$) in its spect[illegible]. On the her hand, lysozyme (Fig. 6) run at pD ~5 does ow ionized carboxyl which makes the estimate

Thus the initial optical [illegible]e amide 1 bands of proteins can [illegible]o be abou the same as that for poly[illegible] at the same concentration and we are [illegible]in the use o PGA calibration curve (Fig. 1) for protein solutions.

As can be seen from Fig. 4 and the calculated