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Price, William Charles, 1909-1993

Publication/Creation

March 1952

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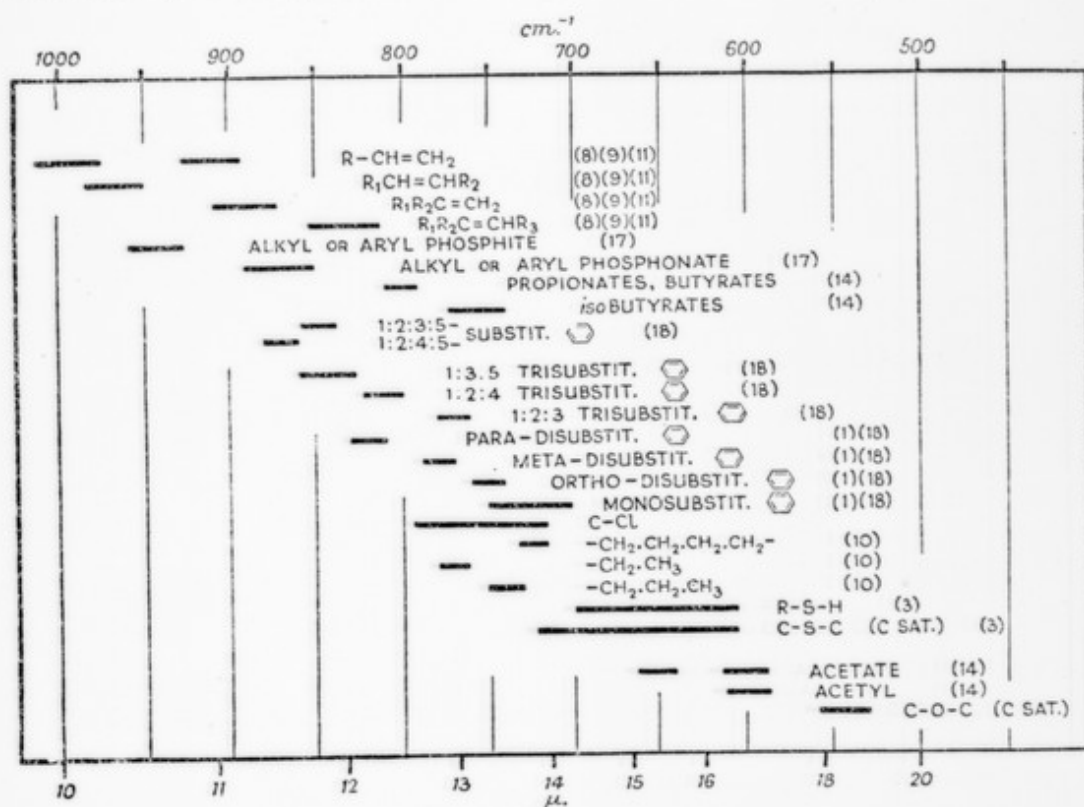
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examined, some correlation rules have been drawn up in the Figures; many of which have been illustrated in recent papers. The charts have been drawn in a manner previously adopted by Barnes, Williams, and Gore, with whom the correlation rules have recently been discussed.



Most of the vibration frequencies given relate to fairly strong absorption bands which can be picked out in the spectrum unless there is accidental overlapping with other bands. Many of the rules given are not infallible, and special electronic effects may lead to abnormalities. The rules should, therefore, be taken as general guidance to be applied with proper caution. In addition, the state of aggregation in which a substance is measured may be of importance. References are given on the charts to some of the papers from which the rules have been drawn. The list is not complete, for some of the rules are now sufficiently well known to make details superfluous. The rules are available on a punched card index of the vibrations.