

- [54] ¹³CO₂ BREATH TEST
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- [58] Field of Search 23/230 B, 232 R, 901, 23/907; 422/88, 91; 252/408

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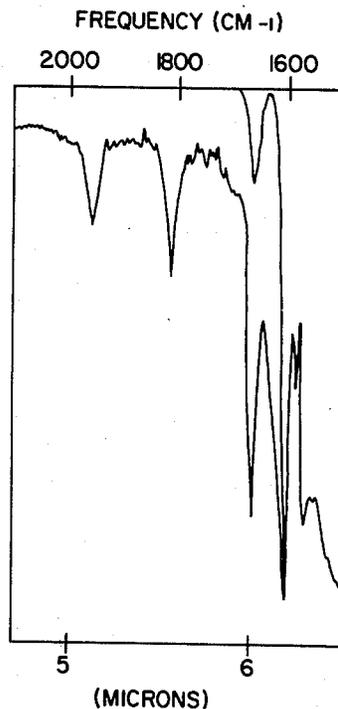
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[57] **ABSTRACT**
 A method for the analysis of exhaled carbon dioxide for clinical diagnostic application which contains a mixture of ¹³CO₂ and ¹²CO₂ is disclosed. The method includes the use of a solution which absorbs the carbon dioxide from the exhaled air, reacts with the carbon dioxide to form a ketone and uses the height of the unique infrared spectral peaks in the carbonyl frequency range to quantify the ¹³CO₂ and the ¹²CO₂ components of the exhaled air.

- OTHER PUBLICATIONS
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2 Claims, 2 Drawing Figures



¹²C-BENZOPHENONE