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(54) Title: DETECTION OF GLUCOSE IN SOLUTIONS ALSO CONTAINING AN ALPHA-HYDROXY ACID OR A BETA-DIKETONE

(57) Abstract: Compositions and methods for determining the presence or concentration of glucose in a sample which may also contain an alpha-hydroxy acid or a beta-diketone. The method uses a compound having at least two recognition elements for glucose, oriented such that the interaction between the compound and glucose is more stable than the interaction between the compound and the alpha-hydroxy acid or beta-diketone, such that the presence of the alpha-hydroxy acid or the beta-diketone does not substantially interfere with said determination.



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