Reviewer A:

ADDITIONAL COMMENTS

Please indicate the page numbers for suggested corrections.

Please, be as specific as possible if major correction by the author(s) is recommended! :

Alongside with Michaellis constant, and as the authore refer kinetic parameters (plural), the mximum reaction rate should also be provided.

*Accepted and done.*

REPORT:

As stated previously, the manuscript submitted focuses on the characterization of invertase immobilization in polyacrylamide (PAA) This particular method has been used since the 1970´s as the authors acknowledge in the text (references 10 and 11), and the methodology using invertase as biocatalyst has been used in lab classes at faculty level (see for instance http://www.eng.umd.edu/~nsw/ench485/lab7a.htm ). Actually, for the illustration of enzyme entrapment in the 1970, the paper from ref 15 (although it involves radiopolymerization rather than chemical

polymerization) would be more adequate than that of reference 11, which dates from 1992, although it is still a representative example of the application of invertase entrapment in PAA. Still a detailed study for the characterization of invertase entrapment in PAA using a procedure that allows for encouraging results for practical use has not been published, this providing the innovative aspect of this manuscript

*Thank you for the comments. Reference 15 is added for the illustration of enzyme entrapment.*