Response to Reviewer 1 Comments

Dear Editors and Reviewers,

Thank you for your letter and the reviewer's comments concerning our manuscript entitled " *Lycium barbarum* polysaccharide-iron(III) chelate as peroxidase mimics for total antioxidant capacity assay". The comments are valuable and helpful for us to improve the quality and reliability of our paper, as well as having important guiding significance for our further work.

In the revised manuscript, the following improvements have been made to further enrich and upgrade our work:

Point 1: Put "2" in line 320 as a superscript.

Response 1: Thanks so much for your comment. Now the "R2" in line 320 is changed to "R^2".

Point 2: A reference is needed to confirm the conclusion in line 366.

Response 2: Thanks so much for your comment. A corresponding reference is cited in the article to confirm the conclusion in line 366.

Point 3: There is a mistake in the sentence in lines 346-348.

Response 3: Thanks so much for your comment. Now the mistake in line 346-348 is corrected.

Point 4: There is an unnecessary "to" in the section 2.2 of supplementary material.

Response 4: Thanks so much for your comment. Now the unnecessary "to" in the section 2.2 is deleted.