Response to Reviewer 2 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: Lines 13-14: please explain the abbreviations.

Response 1: Thanks so much for your comment. Now the abbreviations in lines 13-14 are explained in detail.

Point 2: Line 209: please cite the "previous report".

Response 2: Thanks so much for your comment. The "previous report" ([35]) is now cited in the article.

Point 3: Line 247: "organic modified FeOOH had with". Change "with" to "an".

Response 3: Thanks so much for your comment. The "with" in "organic modified FeOOH had with" in Line 247 is changed to "an".

Point 4: Lines 269-370: "the antioxidant capacity of compound fruit and vegetable beverages of the cloudy type were generally greater." A reference, if any, confirming this conclusion would be useful.

Response 4: Thanks so much for your comment. A reference ([47]) was cited in the paper to confirm the conclusion that the antioxidant capacity of compound fruit and vegetable beverages of the cloudy type were generally greater.