Reviewer's report

Title: The total antioxidant content of more than 3100 foods, beverages, spices, herbs and supplements used worldwide.

Version: 1 Date: 2 October 2009

Reviewer: Iris Erlund

Reviewer's report:

1. Is the question posed by the authors new and well defined?
   Yes.

2. Are the methods appropriate and well described, and are sufficient details provided to replicate the work?
   Yes

3. Are the data sound and well controlled?
   Yes

4. Does the manuscript adhere to the relevant standards for reporting and data deposition?
   Yes

5. Are the discussion and conclusions well balanced and adequately supported by the data?
   Yes

6. Do the title and abstract accurately convey what has been found?
   Yes

7. Is the writing acceptable?
   Yes

Comments:

The manuscript, which reports the antioxidant content of 3100 foods and supplements, is a comprehensive survey of the total antioxidant capacity of foods. Overall, the manuscript is well written and presentation is clear.

Discretionary revisions requested:

1. On page 5 lines 9-11, the benefits of the modified FRAP assay are briefly discussed. A more detailed analysis of the pros and cons of the assay would improve the manuscript.
**Level of interest:** An article of importance in its field

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests