Reviewer's report

Title: Modern extraction techniques and their impact on the pharmacological profile of Serenoa repens extracts for the treatment of lower urinary tract symptoms

Version: 2
Date: 23 March 2014
Reviewer: Petrisor Geavlete

Reviewer's report:

The authors describe a current problem: variability of different S. repens extracts obtained using various extraction techniques.

Minor Essential Revisions
1. Spelling should be checked

Major Compulsory Revisions
1. In the case of saw palmetto, two reference materials have been reported, SRM 3250 Serenoa repens fruit and SRM 3251 Serenoa repens extract. For SRM 3251, the used extraction method was supercritical carbon dioxide. It is not very clear, this is the only method which can be used for this particular reference material? Please detail.

2. How were the described products choosed? There are some others commercially available products with strong studies behind. Why not describe them also? Please explain and, if possible, include other products.

Level of interest: An article whose findings are important to those with closely related research interests

Quality of written English: Needs some language corrections before being published

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