Reviewer's report

Title: Postprandial effects of calcium phosphate supplementation on plasma concentration-double-blind, placebo-controlled cross-over human study

Version: 2 Date: 29 January 2013

Reviewer: Robert P Heaney

Reviewer's report:

The manuscript has been improved somewhat in this revision. There are a few minor issues that still need correcting.

• Line 72 – The authors speak of a “concentration” of 1 g/d.” What is meant? Concentrations usually do not have time units in the denominator. Also, please specify how much calcium and phosphorus were in the 135 g of bread.

• Lines 231–233 – This conclusion is speculative and probably not correct. Absorption is at best a minor determinant of serum level. Only isotopic tracer studies can establish whether the phosphorus in the CaP product was absorbed.

• The variable, AUC, is present in one figure but missing (so far as I can discern) entirely from the text. Is this an oversight? Please add this information. Also, so far as I can tell, the method for calculating the AUC was not presented in the Methods section. This, too, should be rectified.

Quality of written English: Acceptable

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

Declaration of competing interests:

I have no thing to disclose.