

# Review of: "Flame Photometry: For the Determination of Alkali Metals in Commercially Sold Fireworks"

Daiane Placido Torres<sup>1</sup>

<sup>1</sup> Brazilian Agricultural Research Corporation (EMBRAPA)

**Potential competing interests:** No potential competing interests to declare.

## General comments:

The manuscript is well-written, and the English is quite charming.

## Specific comments:

- Table 1, disadvantage column for Kjeldahl's method: I believe there should be a comma instead of a dot between the words "precursors" and "this".
- Section 2.2 - The experimental conditions for the measurements in the flame photometer are lacking, such as flame gas, flow rates, wavelengths, spectral band, etc.
- Section 3.1 - In the first sentence, please use "trueness" instead of "accuracy", since accuracy encompasses both trueness and precision. According to the COMMISSION DECISION of 12 August 2002 2002/657/EC: "Accuracy means the closeness of agreement between a test result and the accepted reference value. It is determined by determining trueness and precision."
- Figures 3 and 4: if I understood correctly, figures a and c are basically the same thing but have different concentration ranges of the analytes. If that is the case, please emphasize that in the description; otherwise, explain better what the difference between them is.