

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

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Potential competing interests: No potential competing interests to declare.

Dear Peer Review Team, Qeios

The Manuscript entitled "Flame Photometry: For the Determination of Alkali Metals in Commercially Sold Fireworks" describes a simple method for the detection of sodium and potassium in fireworks samples. The importance of the subject can be high, and the results can be used in QC departments. But before publication, minor revisions must be done, and the following comments should be addressed.

- 1- One of the problems of flame photometry is interferences resulting from extraneous cations and anions. How did you address the reduction of this problem?
- 2- Sample preparation and extraction is a way to reduce the interferences. Why did the authors not use this method? Explain more about this issue in your manuscript.
- 3- Please compare the LOD and linear range of your method with other methods to increase the validity of your study.

Best regards,

Arash Mohammadinejad