## Accepted Manuscript

Title: Fresh ovine cheese supplemented with saffron (*Crocus sativus L.*): Impact on microbiological, physicochemical, antioxidant, color and sensory characteristics during storage

Authors: Anastasios Aktypis, Electra Despina Christodoulou, Eugenia Manolopoulou, Aikaterini Georgala, Dimitra Daferera, Moschos Polysiou

PII: S0921-4488(18)30648-5

DOI: https://doi.org/10.1016/j.smallrumres.2018.07.016

Reference: RUMIN 5717

To appear in: Small Ruminant Research

Received date: 12-12-2017 Revised date: 25-4-2018 Accepted date: 20-7-2018

Please cite this article as: Aktypis A, Christodoulou ED, Manolopoulou E, Georgala A, Daferera D, Polysiou M, Fresh ovine cheese supplemented with saffron (*Crocus sativus L.*): Impact on microbiological, physicochemical, antioxidant, color and sensory characteristics during storage, *Small Ruminant Research* (2018), https://doi.org/10.1016/j.smallrumres.2018.07.016

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.



## ACCEPTED MANUSCRIPT

Fresh ovine cheese supplemented with saffron (*Crocus sativus L.*): Impact on microbiological, physicochemical, antioxidant, color and sensory characteristics during storage.

Anastasios Aktypis<sup>1,\*</sup>, Electra Despina Christodoulou<sup>1</sup>, Eugenia Manolopoulou<sup>1</sup>, Aikaterini Georgala<sup>1</sup>, Dimitra Daferera<sup>2</sup> and Moschos Polysiou<sup>2</sup>

<sup>1</sup>Laboratory of Dairy Research, Department of Food Science and Human Nutrition, Agricultural University of Athens, 11855 Athens, Greece

<sup>2</sup>Laboratory of General Chemistry, Department of Food Science and Human Nutrition, Agricultural University of Athens, 11855 Athens, Greece

\*Corresponding author: Anastasios Aktypis Ph.D, e-mail: <a href="mailto:aktyp@aua.gr">aktyp@aua.gr</a>, tel: +30 210 5294643, Fax: +30 210 5294672

#### Research highlights

- Manufacture of a spreadable, ovine fresh-cheese fortified with saffron extract
- Starter growth was not affected by saffron during cheese manufacture
- Enhanced antioxidant activity of spreadable cheese due to saffron supplementation
- Stability of saffron cheese color characteristics during cold storage
- Accepted sensory characteristics of the new product

### Download English Version:

# https://daneshyari.com/en/article/8504079

Download Persian Version:

https://daneshyari.com/article/8504079

<u>Daneshyari.com</u>