

Editor's comment

The biological material is very important there are no any information on :

1-The area of culture, condition

2-The identification of species this part is very important of this kind of research.

3-Is the spice exactly *nigella sativa*.

4-what are the active compounds of seed.

5-Voucher number of species.

6-who have identified the spices

the area of Cultured ,conditions ,

2-date, the month and the time of harvest.

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5-Origine of **Flaxseed Oil**.

Author's feedback

1. Black cumin seeds were cultivated in Semirom city, Isfahan Province, Iran. Examined seeds were purchased from Pakan Bazr company (it is a valid company, Manufacturer and supplier of various types of seeds and herbs in Iran and all its product must receive Ministry of Agriculture Jihad permission (The Ministry of Agriculture Jihad is an Iranian government body established in 2001

responsible for the oversight of Agriculture in Iran)

2. In this study one of the parameters which has been examined was the investigation of the composition of fatty acids as well as tocopherols of the Black Cumin Seed. Once the results attained, they were compared with other studies which were carried out in this area. So according to the obtained results from this study, we can claim that they were chosen correctly. Time of harvest was in August 2017 by the end of summer.

3. Yes it was exactly *nigella sativa*. Before starting the investigation, we searched a lot and finally could find the exact type of species. As it has been mentioned before, one of the parameters which has been studied was the investigation of the composition of fatty acids. As you may know it is the best way to make sure that we chose the correct species. After investigation our results were compared with other studies which were carried out in this area and were accordance with them.

4. Black cumin seed oil (BCO) is rich in essential fatty acids as well as bioactive sterols and tocols. Thymoquinone (TQ) is one of the most active constituent and has different beneficial properties. Several authors have investigated the essential oil of *nigella* seeds and isolated and identified active constituents that have beneficial clinical effects.

5. We did not understand this question. Please make it clear

6. To identify the species of Black cumin seed, Firstly the company confirmed this is the exact type of species we ordered because there is no intentions or benefits for the company to give us wrong information, secondly, we decided to analysis of the composition of fatty acids as well as tocopherols of the Black Cumin Seed in order to make sure about the authenticity of seeds. Whole team (their name are mentioned in the paper) participated in this work equally.

7. Flaxseed oil is known as a functional oil because of the high content of α -linolenic acid. Flax is believed to be native to Egypt, but its **origins** are questionable since it has been used widely around the world. It is cultivated in many places, including Europe, South America, Asia, and parts of the United States. We provided it from Pakan Bazr company (as it is mentioned before, it is a valid company, Manufacturer and supplier of various types of seeds and herbs in Iran and all its product must receive Ministry of Agriculture Jihad permission (The Ministry of Agriculture Jihad is an Iranian government body established in 2001 responsible for the oversight of Agriculture in Iran)