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STUDY OF BIOTECHNOLOGY RAISE ANTIOXIDANT PROPERTIES OF OLIVE OIL AND BLACK SEED OIL

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https://doi.org/10.34302/crpjfst/2020.12.2.15

Article history:	ABSTRACT
Received:	The aim of this study was to improve the functional and antioxidant
20 September 2019	properties of olive oil using 10%, 15%, 20% and 25% black oil as a
Accepted:	substitute. The compositions of olive oil with black cumin seed oil were
10 April 2020	created to develop the formulation of the product with enhanced functional
Keywords:	and antioxidant properties. Antioxidant properties of olive oil, black cumin
Olive oil;	seed oil and the obtained compositions of olive oil with black cumin oil were
Black seed;	studied by chemical and photometric methods. The results showed that olive
Oil antioxidant properties;	oil with the addition of 15 % - 20 % black cumin seed oil is optimal both in
Organoleptic properties	antioxidant activity and organoleptic properties. Therefore, this oil composition can be recommended as a functional edible oil.