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yield was 52.9g per 100g of dry sample and coefficient of determination (R²) was 0.99. The ANN and RSM prediction showed similar R² of 0.99 and

chromatography-mass spectroscopy (GC-MS) analysis of the oil. The amount of oleic acid (18:1) was found to be highest (43.56%) among all the

fatty acids. The total unsaturated fatty acid was 73.62% and saturated fatty acid was 26.38% in the P. macrocarpa seed oil. © 2014 Elsevier Ltd.

ANN has lower average absolute deviation (AAD) of 0.25% compared to RSM (AAD of 0.31%). Five fatty acids were identified by gas

Artificial neural network Fatty acids Phaleria macrocarpa seed oil Response surface methodology

Supercritical fluid extraction of coriander seeds: Kinetics modelling and ANN

Zeković, Z., Bera, O., Đurović, S. (2017) Journal of Supercritical Fluids

The effects of process technology on the physicochemical properties of peony seed

Qu, J., Zhang, F., Thakur, K. (2017) Grasas y Aceites

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