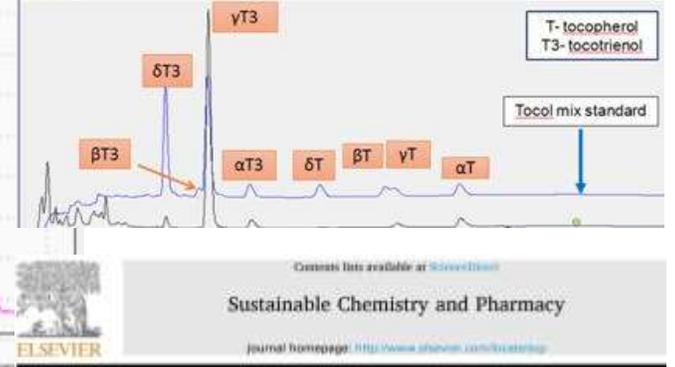
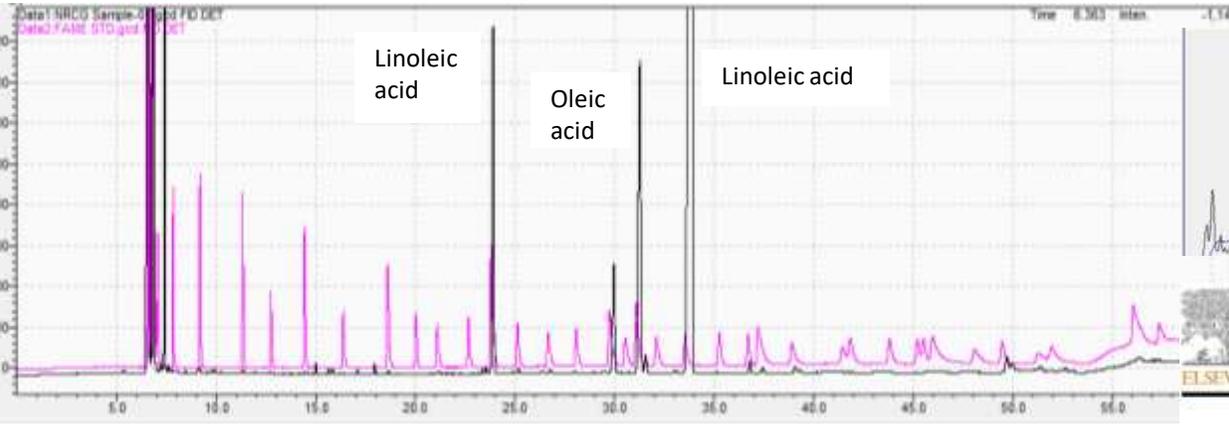


Method for extraction of grape seed oil comprising bioactive compounds from Manjari Medika variety of grape

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 Niladri Shekhar Chatterjee, ICAR-CIFT, Cochin

Year: 2020

Type : Product & process



Patent File No.: 202011014416 dated 31.032020

- Grape seed was extracted using supercritical fluid extraction (SFE)
- Oil recovery: ~12%, with bioactive free fatty acids, Vitamin E and polyphenols
- Vitamin E: 1200-1500 mg/kg, with high γ -tocotrienol (for protection to radiation exposure) content ~1100 mg/kg.
- It has therapeutic potential to treat hepatic disorders

Evaluation of fatty acid profile in seed and oil of Manjari Medika, a novel Indian grape cultivar and its comparison with Cabernet Sauvignon and Sauvignon Blanc

RESEARCH ARTICLE
 European Journal of Lipid Science and Technology
www.ejlst.com

Profile of Triacylglycerols, Phenols, and Vitamin E of Manjari Medika Grape Seed Oil and Cake: Introducing a Novel Indian Variety

Journal of Inflammation Research
 ORIGINAL RESEARCH

Manjari Medika Grape Seed Extract Protects Methotrexate-Induced Hepatic Inflammation: Involvement of NF- κ B/NLRP3 and Nrf2/HO-1 Signaling System