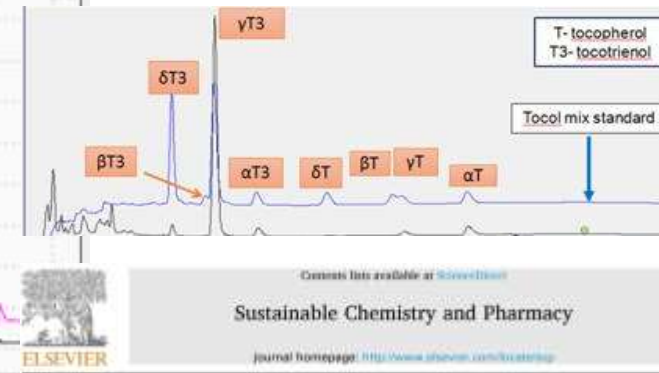
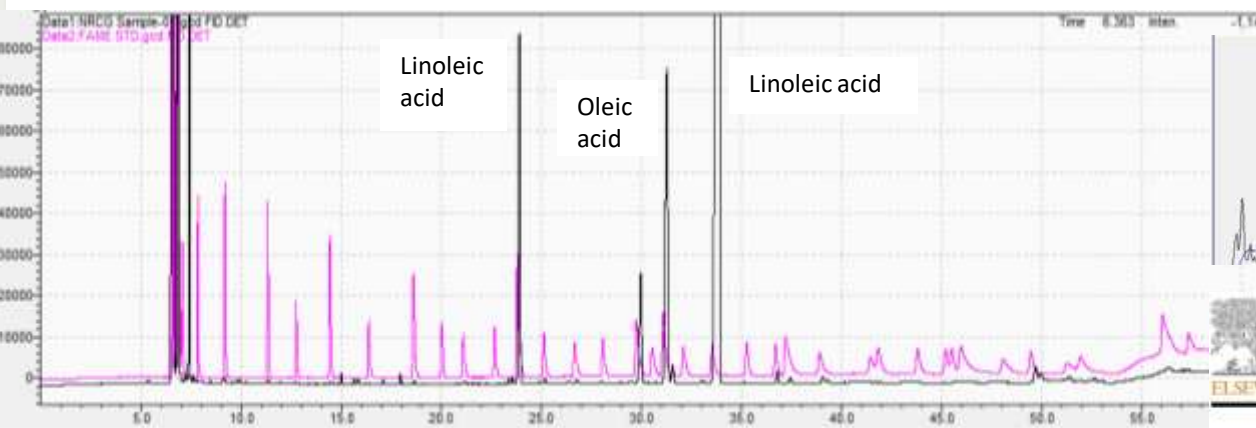


# Method for extraction of grape seed oil comprising bioactive compounds from Manjari Medika variety of grape

**Kaushik Banerjee**, Ahammed Shabeer TP., Zareen Khan- ICAR-NRC Grapes, Pune  
Niladri Shekhar Chatterjee, ICAR-CIFT, Cochin

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Type : Product & process



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- 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  $\gamma$ -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

Dove

Open Access Full Text Article

ORIGINAL RESEARCH

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