



Innovative process protocol for extraction of essential oil

(M/s. Mystic Herbal: A Start-up Incubated and Financially Supported by CIRCOT R-ABI, Mumbai)



- Higher recovery of essential oil (93-94%) as compared to traditional extraction process (1-1.5%).
- More remuneration to local farmers growing ginger, turmeric and other medicinal crops.
- Chemical Free extraction of essential oil.
- 99% Purity of oil with good essence.
- Innovative process gives more yield compared to traditional processes.
- Value addition to pomace.



Ginger essential oil



Turmeric essential oil

Product Range:

Ginger essential oil and Turmeric essential oil

Incubation Support:

M/s. Mystic Herbal has been incubated at CIRCOT- R-ABI under 1st Cohort of RKVY- RAFTAAR scheme and sanctioned as Ankur (Seed Stage) Funding Program of Rs 12 lakhs.

The incubation support helped the startup to promote products in the market and the farmers set up the new products. The CIRCOT R-ABI expert's view helped the startup to channel the program on right track and expand the business idea all over India. Expert's view is also supported and give ideas to startup to get maximum benefits from the products.



Founder:

Ms. Manjusha M. Patil is an entrepreneur from Sangli, Maharashtra. She is B.Sc. in agriculture. She is well connected to agriculture so found that Essential oils are generally extracted by distillation often by using steam other processes include solvent extraction, CO2 extraction, absolute oil extraction, wax embedding and cold pressing. These methods lead to less yield of essential oils. The essential oil extracted has chemical traces, limiting its use in food and pharma. She innovates the process for better yield of essential oils and the final product does not contain any traces of chemicals because the process does not include any chemicals for extraction. Does not include any post-harvest processing because fresh raw material (e.g. ginger, turmeric etc.) harvested from the field are processed directly.

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