

Project

Medical cannabis research, product development and innovation as part of the African natural medicines platform and the South African Presidential Cannabis Masterplan for Industrialisation

Technology/Innovation

Development of quality and regulatory compliant cannabis-based food, herbal and cosmetic products



NEW!

PRODUCT LINES FROM CANNABIS

The CSIR has set up a cannabis research hub for small, medium and micro enterprises (SMMEs) in the cannabis sector to de-risk early phase research, development and commercialisation.

Some of the services offered at the hub include:

- **Cannabis extraction**, using supercritical carbon dioxide extraction
- **Process and method development** for various cannabis strains

The extraction method is environmentally benign and considered the gold standard for cannabis/hemp oil extraction.

Purification services include:

- **Chromatographic** techniques and **distillation** to ensure that products of the highest quality are produced.

In respect of training, services include:

- **Access to a facility for integrated learning** for current and prospective workers in the cannabis and natural products industry in South Africa and the sub-region. The focus is on chemistry, engineering and pharmaceutical training via internships and workplace training for students and entrepreneurs.
- **Product and process development services centre** on taking an idea from proof of concept, through development and optimisation, to pilot-scale manufacturing of products such as cannabis-based herbal remedies, food, nutraceutical complementary medicine and cosmetic products.

Beneficiaries

- Mimmie Trading and Projects (Pty) Ltd (Free State)
- JoAnne Herbs Farm (Pty) Ltd (Limpopo)
- Umya weMpuma (Pty) Ltd (Eastern Cape)
- Shanti Natural Care (Pty) Ltd (Western Cape)
- Mo'canna (Pty) Ltd (Eastern Cape)
- Reapile Africa (Pty) Ltd (KwaZulu Natal)
- Higher Ground (Pty) Ltd (Mpumalanga)



science & innovation

Department:
Science and Innovation
REPUBLIC OF SOUTH AFRICA



CSIR
Touching lives through innovation

CBD Oil Drops and Cannabis Hair Food



Cannabis Scalp Treatment Oil and CBD Infused Water



Cannabis Anti-Aging Face Cream and Cannabis Body Cream



Cannabis Shower Gel and Cannabis Pain Relief Cream



Cannabis Face Wash and Cannabis Face Oil



CBD Infused Honey and CBD Tincture

