

# O L E ◎ KARE ™

# Natural Actives for Hair Care



OleoKare **Blackseed** 



OleoKare **Curry** 



OleoKare Onion



OleoKare **Fenugreek** 



OleoKare **Hibiscus** 



## OleoKare is a unique range of oil-based Hair Care Actives.



**Standardized actives** with proven **efficacy** 



Locally sourced & processed leading to better shelf life control



Ease of usage and compatibility in products



Choice of **5 trending ingredients** in hair care

## OleoKare Process



Solvent free green process



Proprietary extraction to retain active molecules



Stabilized with Antioxidants & preserved under N2

# Applications & Compatibility

#### Hair Oil **੪** Hair Mask

- Iso Propyl Myristate
- Vegetable or Paraffin Oils



#### Shampoo & Conditioner

- Glyceryl Mono & Dicaprylic Caprate (FINESTER 6090)



#### Hair Tonic

- PEG-40 Hydrogenated Castor Oil (Cremophor RH 40)



Extracts to be mixed with solubilizer & added in the product at 40-50°C along with perfume.

## Dosage

0.1 - 5%





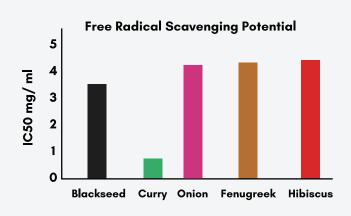


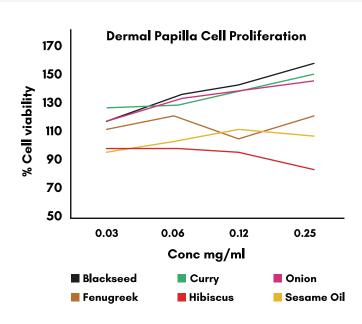


# Efficacy Studies

### **Antioxidant Activity**

- DPPH Scavenging Assay
- Curry, Onion, Fenugreek, Black Seed & Hibiscus: low IC50 values.



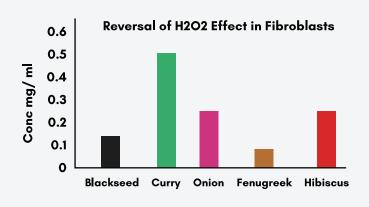


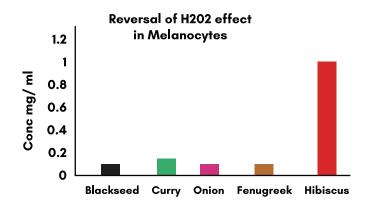
### **Hair Growth Activity**

- In-vitro assay using dermal papilla cell lines
- Dose dependent cell proliferation shown by Fenugreek, Onion & Black Seed

## **Anti Hair Loss Activity**

- In-vitro study on Fibroblast cell lines
- In presence of H2O2, cell viability drops to 70%
- Efficacy: Cell proliferation under oxidative stress
- OleoKare actives reverse this toxicity
- Fenugreek & Black Seed Active are most potent





## **Anti Greying Activity**

- In-vitro study
- Melanocyte cell lines
- Effect of H2O2: 75% viability
- Efficacy: Cell proliferation under oxidative stress
- Conc. required to reverse the effect of H2O2
- Black Seed, Onion, Fenugreek & Curry Leaves most potent



To know more connect with us on herbals@keva.co.in