

FRACTIONATION
EXTRACTION
INNOVATION
DEVELOPMENT
BIOMASS
PLANT EXPERTISE
BIOBASED
RESEARCH
BIOREFINERY

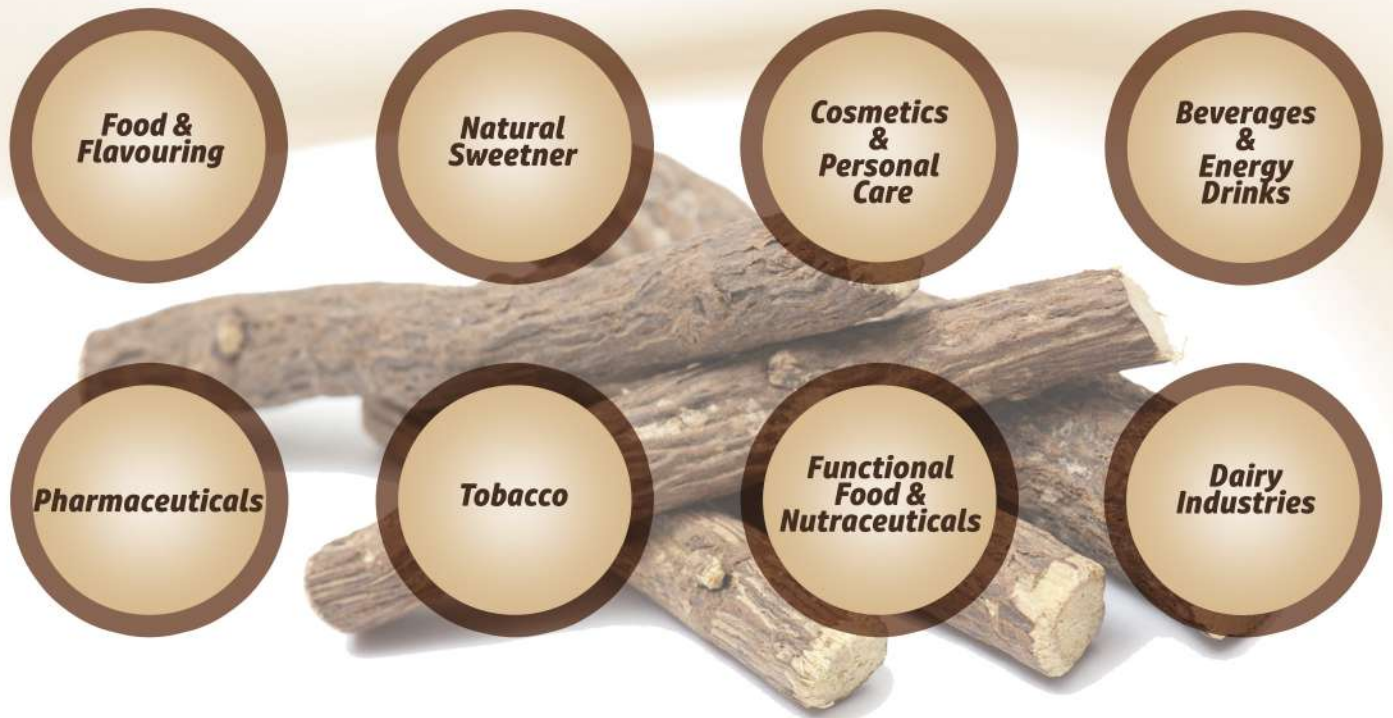


LICORICE

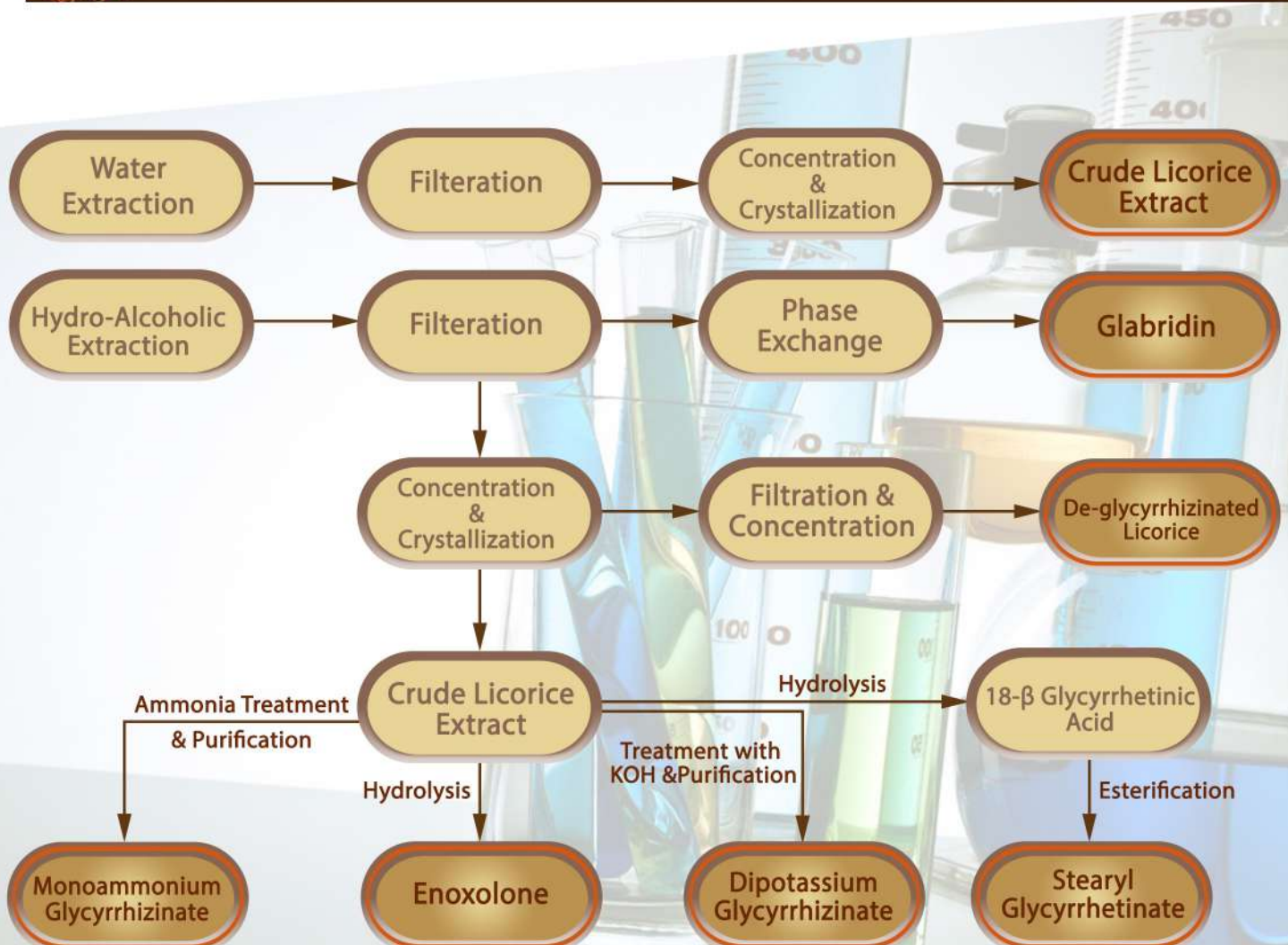
Active Constituent from House of SUNPURE



Types of industries using LICORICE and its derivatives



Extraction of natural substances of LICORICE at different stages





Licorice Extract Block/Powder/Liquid

Botanical Name	Glycyrrhiza glabra
CAS No.	68916-91-6

Action

- **Pharmacological:**
Anti-inflammatory, Anti-irritant
- **Cosmetic/Personal Care:**
Increase skin elasticity, penetration enhancer, moisturizing and hydration, anti-inflammatory, antioxidant, calms visible irritation
- **Organoleptic:**
Eliminate aftertaste, enhance and extend sweetness, enhance flavors, enhance mouthfeel

Applications

- Food
- Beverages
- Nutraceuticals
- Pharmaceuticals
- Personal Care
- Cosmetics
- Oral Health Products
- Skin Protection
- Animal & Pet Products



Ammonium Glycyrrhizinate (MAG)

Botanical Name	Glycyrrhiza glabra
CAS No.	53956-04-0

Action

- **Pharmacological:**
Anti-inflammatory, Anti-allergic, Anti-bacterial, Anti-viral
- **Cosmetic/Personal Care:**
Increase skin elasticity, penetration enhancer, moisturizing and hydration, anti-inflammatory, antioxidant, calms visible irritation
- **Organoleptic:**
Eliminate aftertaste, enhance and extend sweetness, enhance flavors, enhance mouthfeel

Applications

- Food
- Beverages
- Nutraceuticals
- Pharmaceuticals
- Personal Care
- Cosmetics
- Oral Health Products
- Skin Protection
- Animal & Pet Products



Stearyl Glycyrrhetinate

Botanical Name	Glycyrrhiza glabra
CAS No.	13832-70-7

Action

- **Pharmacological:**
Anti-irritant, Anti-stinging
- **Cosmetic/Personal Care:**
Increase skin elasticity, penetration enhancer, moisturizing and hydration, anti-inflammatory, antioxidant, calms visible irritation

Applications

- Personal Care Products
- Cosmetics
- Skin Protection



Glabridin

Botanical Name	Glycyrrhiza glabra
CAS No.	59870-68-7

Action

- **Cosmetic/Personal Care:**
Skin Whitening, Anti-inflammatory, Anti-oxidant, Spot removing UV absorption

Applications

- Personal Care Products
- Cosmetics
- Skin Protection



De-Glycyrrhizinated Licorice

Botanical Name	Glycyrrhiza glabra
CAS No.	1405-86-3

Action

- **Pharmacological:**
Anti-inflammatory, Antacid, used to relieve heartburn, indigestion and GERD
- **Cosmetic/Personal Care:**
Increase skin elasticity, penetration enhancer, moisturizing and hydration, anti-inflammatory, antioxidant, calms visible irritation
- **Organoleptic:**
Enhance and extend sweetness, enhance flavors, enhance mouthfeel

Applications

- Cosmetics
- Beverages
- Nutraceuticals
- Pharmaceuticals
- Personal Care
- Food & Confectionery
- Oral Health Products
- Skin Protection



Enoxolone (EP)

Botanical Name	Glycyrrhiza glabra
CAS No.	471-53-4

Action

- **Pharmacological:**
Anti-inflammatory, Anti-irritant, Anti-allergic, Anti-viral
- **Cosmetic/Personal Care:**
Increase skin elasticity, penetration enhancer, moisturizing and hydration, anti-inflammatory, antioxidant, calms visible irritation

Applications

- Personal Care Products
- Cosmetics
- Skin Protection



Dipotassium Glycyrrhizinate

Botanical Name	Glycyrrhiza glabra
CAS No.	68797-35-3

Action

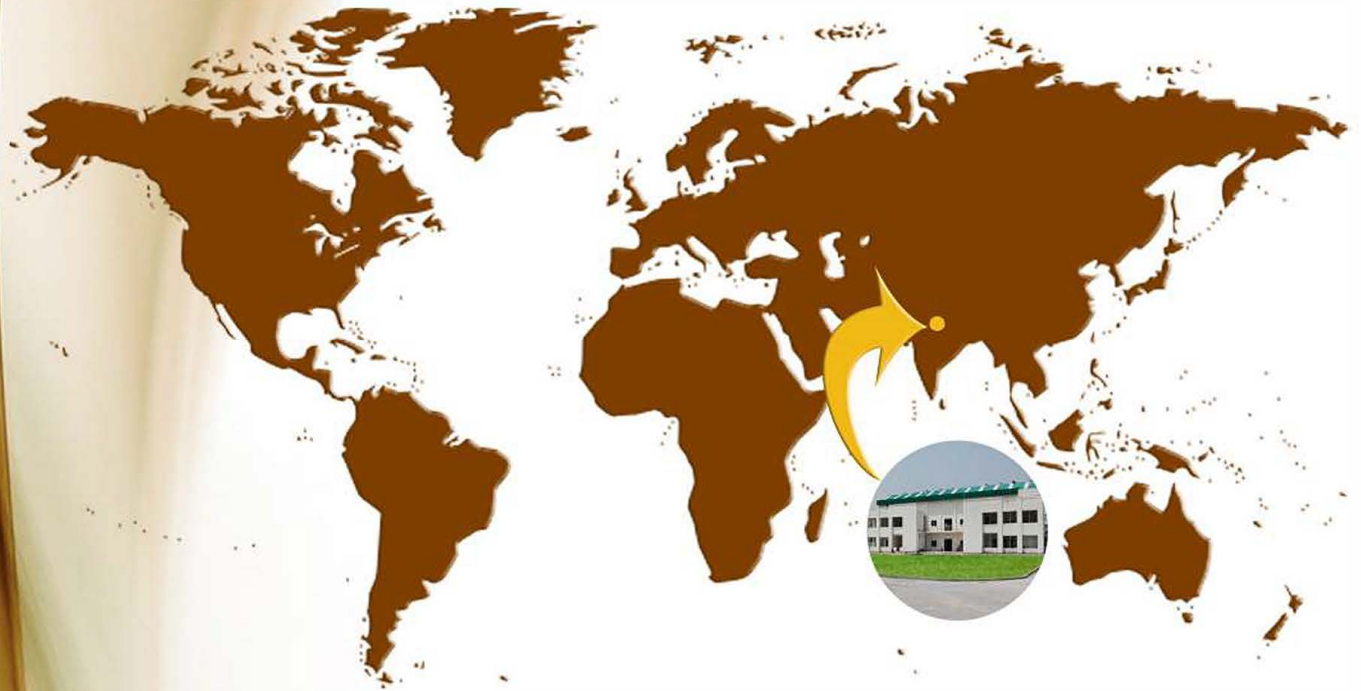
- **Pharmacological:**
Anti-inflammatory, Anti-allergic, Anti-bacterial, Anti-viral, Anti-irritant
- **Cosmetic/Personal Care:**
Increase skin elasticity, penetration enhancer, moisturizing and hydration, anti-inflammatory, antioxidant, calms visible irritation
- **Organoleptic:**
Eliminate aftertaste, enhance and extend sweetness, enhance flavors, enhance mouthfeel

Applications

- Food
- Beverages
- Nutraceuticals
- Pharmaceuticals
- Personal Care
- Cosmetics
- Oral Health Products
- Skin Protection
- Animal & Pet Products



Sunpure Extracts Pvt Ltd, has evolved a frontrunner in botanical extracts and nutraceutical ingredients in India & global platform with a cutting - edge cGMP Manufacturing Plant and Sunpure Research & Incubation Centre (SRIC) spread in pristine pollution - free environments, A team of dedicated scientists and professionals manage the operations and research & development.



CERTIFICATIONS



US DMF - 035380



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