GLOW BACK

Radiance Revealing Cosmobotanical

Beauty Veda

COSMOBOTANICALS

ascot international

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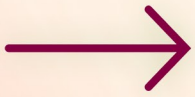
Glow Back is a brilliant composition of three standardized botanicals; these have been traditionally used for their skin care properties for thousands of years.

Glow Back contains wholesome extracts of Glycyrrhiza glabra, Phyllanthus emblica and Withania somnifera. This unique combination possesses potent anti-oxidant, hyper-pigmentation reducing/dark spots reducing and anti-aging properties.



Ingredients

INCI name Glycyrrhiza glabra
Ayurvedic name Yashti madhu
Common English name Licorice

1

Glycyrrhiza is known for its potent cosmeceutical properties, it is an excellent ingredient for cosmetic preparations having handful of active properties. Several studies across the world suggested about antioxidant, elastase enzyme inhibition (wrinkle correction and anti-aging effect), tyrosinase inhibition (improving complexion, reducing dark spots and providing an even skin tone), anti-inflammatory (prevention against micro scarring), anti-microbial (anti-acne) and soothing (anti-dermatitis) properties of this wonderful herb.

Ingredients

INCI name Phyllanthus emblica
Ayurvedic name Amalaki
Common English name Indian gooseberry

2

Phyllanthus emblica is one of the richest sources of vitamin C that make it an excellent natural antioxidant, it is studied and found effective for its UVB damage protecting properties and photo protective properties. P. emblica fruit extract has also shown potent anti-aging, anti-hyperpigmentation (providing even skin tone) and hydration properties that nourish the skin and help make it smooth and supple. It also possesses potent elastase and collagenase enzymes inhibition properties that make it a superior natural anti-aging product.

Ingredients

INCI name Withania somnifera
Ayurvedic name Ashwagandha
Common English name Indian winter cherry

Withania is studied and found to have a relaxing and revitalizing effect on body, it is found to lower cortisol levels in several studies which results in lowering stress and soothing the tissues. Antioxidant properties of Ashwagandha help lowering the symptoms of aging such as wrinkles, fine lines, blemishes and dark spots, some of the studies have suggested that it also boosts collagen formation which helps enhance skin repair and cell regeneration process. Withania somnifera is also reported to stimulate the production of hyaluronan which helps in keeping skin hydrated and supple.

Functions & benefits

1. Brightens skin and enhances radiance.
2. Helps prevent damage from free radicals.
3. Reduces oxidative stress.
4. Acts as a collagenase enzyme inhibitor.
5. Prevents against UV exposure.
6. Helps keep skin hydrated.

Specifications

INCI NAME	Glycyrrhiza glabra, Phyllanthus emblica, Withania somnifera
APPEARANCE	Brownish yellow, fine powder
SOLUBILITY	90% minimum
pH OF 1.0% SOLUTION	4.0-6.5

Applications

Creams & Lotions, Color Cosmetics, Masks, Serums.

Use Levels

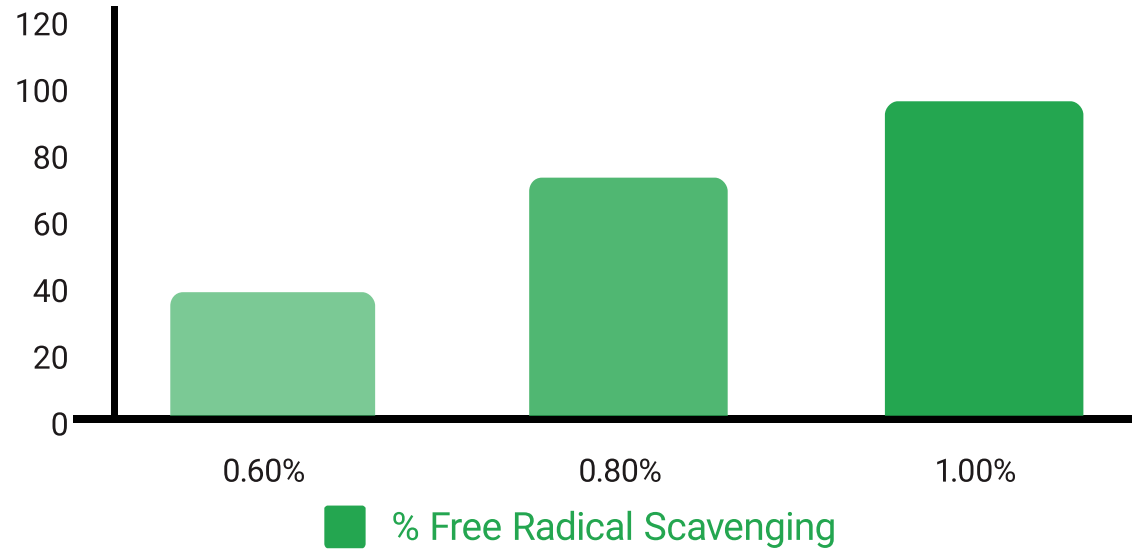
1.0 % to 2.5 %

Storage

Store in tightly sealed containers at room temperatures.
Avoid exposure to excessive humidity & heat.

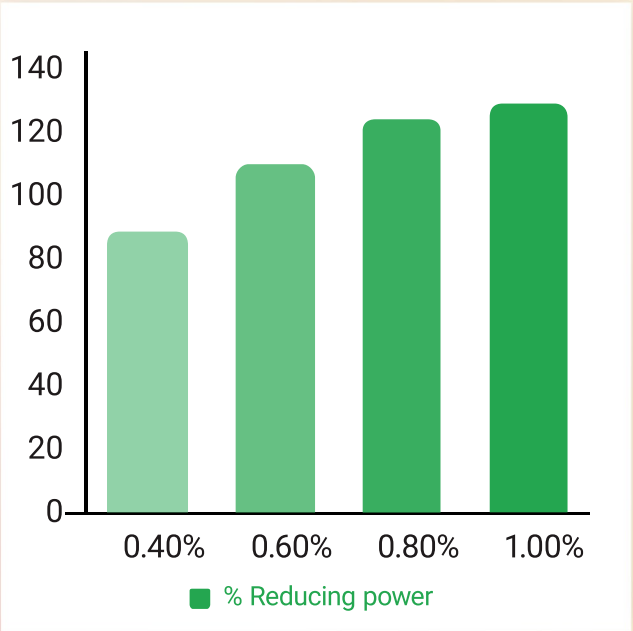
Biochemical Assays for active cosmetic properties

Invitro evaluation for antioxidant properties in terms of free radical scavenging



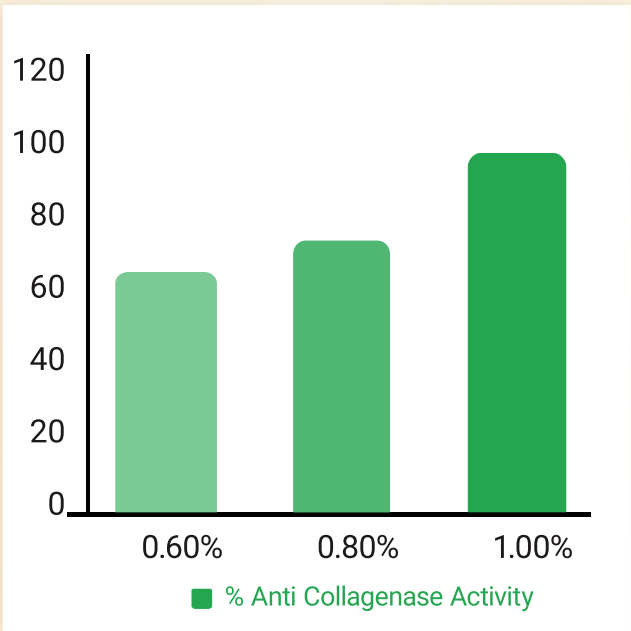
98.9% free radical scavenging properties @ 1% concentration

Invitro evaluation for antioxidant properties in terms of reducing power



123% super oxide reduction properties @ 0.8% concentration

Protection of collagen - Invitro evaluation for collagenase enzyme inhibition properties



100% collagenase enzyme inhibition @ 1% concentration

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