

## FICHA TÉCNICA

(de acuerdo con el Reglamento (UE) 2015/830)

### 11507-EXTRACTO DE HIBISCO

#### HIBISCUS HYDROGLYCOLIC EXTRACT (HG)

*Hibiscus sabdariffa* L./Malvaceae

**PART USED:** flower

**INCI:** INCI: Glycerin (and) Water (and) Hibiscus Sabdariffa Flower Extract

Hibiscus flower contains organic acids (hibiscic and alpha hydroxy acids: tartaric, citric, malic), pigments, vitamin C, glucosides, mucilage, flavonoids, anthocyanins and triperpens.

#### PHYSICOCHEMICAL CHARACTERISTICS

Appearance	: liquid fluid, low viscosity
Color	: dark wine
Odor	: pleasant, characteristic
pH (25°C)	: 2.0 – 4.0
Density (25°C)	: 1.005 – 1.065
Refractive index (25 C)	: 1.380 – 1.420
Dry residue (105°C)	: minimum 1%
Solubility	: soluble in propylene glycol, glycerin and water; not as much soluble in ethanol
Preservation	:-Sodium Benzoate / Potassium Sorbate
Identification	: spectroscopy UV - according to standard

#### PROPERTIES AND APPLICATIONS

Hydrating, refreshing, tonic. Mild keratolytic, helps clarifying skin. Also presents antioxidant and anti-free radicals properties.

#### SUGGESTED DOSAGE

Hydrating and revitalizing creams, lotions and gels: from 2 to 5%.

Renewer, skin clarifier and peeling formulations: from 2 to 7%

Shampoos, hair conditioners and sun care formulations: from 1 to 4%

#### STORAGE

Valid for 24 months. Store dry and tightly closed. Protect from light.

**Observations:** During storage it may get turbid, but this will not invalidate the extract. Product for topical cosmetic formulations.