



CREATORS OF
AUTHENTIC BOTANICAL
EXTRACTS

Product Collections

About

Blue Sky Botany has built an excellent global reputation as an innovative, leading UK manufacturer, **creating authentic, high quality Extracts, Oil Infusions & Hydrolats** for cosmetic & personal care formulations.

Our dedicated Sourcing Team enable us to connect with a wide network of botanical raw material sources. Strong emphasis is made in identifying the most interesting and cosmetic relevant botanicals through **trusted supply chain partners**.

Green chemistry has always been at the forefront of Blue Sky Botany endeavours. Investment is made in production processes to enable continual innovation whilst ensuring the environment is considered at every step of the process.

We extract from both fresh and dried ingredients using a variety of carrier mediums; both specified approved preservative systems and preservative free options are available.

BSB specialise in flagship collections including Circular Economy (Upycled) and Provenance. Our **PhytaPure SE** range focuses on standardised key phytocompounds.

Global compliance is a major part of our product regulatory support. Blue Sky's Technical Team manage information requests, providing comprehensive detail including specifications and Certificates of Conformity, to support global market requirements.



leading innovatively | sourcing responsibly | infusing naturally

Product Types

Aqueous Extracts

High quality, authentic botanical extracts via BSB infusion process thereafter micro-filtered and preserved (as required)

Challenge tested preservative systems available on request

Available in a range of formulation types:

- 100% aqueous, preserved
- Aqueous & glycerine, preserved
- 15% aqueous & 85% glycerine, preservative free
- Aqueous & Denatured Ethanol, preservative free

Hydrolats

Botanical material is steam distilled, resulting in a clear, aromatic water

- Microbiologically stable: Micro-filtered and preserved
- Fragrance allergen desktop assessed (testing option available via accredited laboratory)

Oil Infusions

Botanical material infused in oil, pressed and filtered to naturally extract the oil soluble phytocompounds

Oils selected for their known nourishing fatty acid profile:

- Borage, Camelina, Safflower (Sunflower also available)
- UK Provenance

Formulation options:

- Single botanicals or customised blends
- Choice of strength
- Specified provenance
- Organic & Fairtrade certifications

MOQs - 20 kg MOQ aqueous/preservative free extracts | 50 kg MOQ hydrolats | 40kgs MOQ oil infusions
Standard packaging - 10/25 kg jerrycan | 200kg/IBCs available on request

Specialist Ranges

PhytaPure

- Organic botanical extracts certified by the UK's Soil Association & European COSMOS Organic standards
- Also available as oil infusions & hydrolats

PhytaPure SE

- Organic botanical extracts containing researched phytochemicals
- Linked to topical interest – including standardised levels of natural AHAs, antioxidant Caffeic acid derivatives (Cafaric, Chlorogenic acids) and the prebiotic properties of Inulin
- Batch to batch independent laboratory analysis of naturally active phytochemicals (stability measured over shelf life of product)

PhytaPure P

- Organic botanical extracts with presence of phytochemicals linked to topical interest for cosmetic application

PhytaFair (Fairtrade)

- Botanical extracts using certified Fairtrade botanicals (Flo-cert 21529) for use in finished Cosmetic beauty products licensed under FLO cert/Fairtrade

PhytaFair

- Botanical extracts containing responsibly sourced ingredients
- Also available as oil infusions & hydrolats



PhytaPure SE Range



Scarlet Geranium Organic PhytaPure SE

- Botanical sourced directly from partner in South Africa
- Standardised for Total Polyphenols
- Formulation Application: protection of skin & hair, improvement of skin tone, soothing effect



Pine & Chicory Organic PhytaPure SE

- Standardised for Pinitol, Shikimic Acid, Inulin
- Formulation Application: improvement of skin tone & radiance, soothing & skin conditioning
- China compliant



Resurrection Organic PhytaPure SE

- Botanical sourced directly from partner in Zimbabwe
- Standardised for Arbutin, Trehalose, Glyceryl-glucoside
- Formulation Application: skin brightening, skin protection, moisturisation
- China compliant



Cucumber Fresh Juice Organic PhytaPure SE

- Standardised for target Apigenins & Ferulic acids
- Formulation Application: Soothing & Skin Calming
- China compliant



Kigelia Organic PhytaPure SE

- Botanical sourced directly from partner in Zimbabwe
- Standardised for Verbascoside, Myo-inositol
- Formulation Application: Skin protection against UV photo damage, anti-inflammatory action & moisturising benefits
- China Compliant

Also available: Echinacea Organic PhytaPure SE, Violet Willow SE, Hibiscus (Org) SE

The BSB Collections Traditional Use- Antioxidant

Botanicals* valued for their antioxidant content Protect & defend properties based on Traditional Use

Echinacea Purpurea

- Natural source of phenolics for health & immunity
- Long valued for anti-inflammatory & antioxidant properties
- Research suggests that compounds work together to provide support against skin aging



Elderberry

- Known for boosting the body's natural defences
- A rich source of natural antioxidants
- Potential applications in well-aging formulations



Apple

- Known to contain a wide variety of phytochemicals, and studies report strong antioxidant activity
- Apple infusions have traditionally been used as a hair rinse treatment
- Extracts have been incorporated into facial creams for skin conditioning benefit



Teas – Green, White, Black

- Most of tea health benefits are attributed to the antioxidant activity of polyphenols
- Polyphenol content highest in green tea
- Well documented antioxidant & anti-inflammatory properties
- Research suggests that tea polyphenols help slow skin aging and reduce erythema



Comprehensive range of botanicals to select from – some examples from wider collection shown *

The BSB Collections

Traditional Use- Calming

Botanicals* known for their calming properties

Elderflower

- Known as the 'cosmetic tree' as almost all parts are believed to aid in complexion beautification
- Offers emollient & soothing properties
- Helps tone and soften the skin
- Can act as a gentle cleanser



Chamomile

- Traditionally used topically to treat and soothe skin irritations & inflammations and for wound healing and burns
- Reported to contain many active compounds, including apigenin, which are known to demonstrate strong anti-inflammatory properties



Cucumber

- Long valued for their anti-inflammatory properties
- Soothing effect useful for skin problems, including swelling under the eyes & sunburn
- Emollient properties believed to soften and soothe the skin, correcting dryness and scaling



Calendula

- Calendula is soothing, aids skin healing and possesses anti-inflammatory properties
- Traditionally flower extracts were used to promote wound healing & reduce inflammation



Lemon Balm

- Lemon balm is known for its calming, soothing & healing properties
- Other benefits can be attributed to the herbs tannins (known for astringency)



The BSB Collections

Provenance

A selection of botanical ingredients* sourced with specific provenance

Extensive UK Collection

- Echinacea
- Rose
- White & Violet Willow
- White & Pink Elderflower
- Fruits including Bramley Apple, Raspberry, Blackcurrant
- Hops
- Sloes & Hawthorn berries (Hedgerow collection)
- Seaweed (Marine collection)



European Collection

- Spanish: Liquorice, Orange Peel, Rosemary
- France: Roman Chamomile, Chicory, Witch Hazel
- Germany: Hops



African Collection

- Resurrection
- Kigelia
- Baobab
- Honeybush
- Rooibos



Comprehensive range of botanicals to select from – some examples from wider collection shown *

The BSB Collections

Circular Economy

A selection of botanical ingredients sourced from manufacturing waste stream. BSB transforms these waste products into high quality extracts for use as cosmetic ingredients.



German Chamomile Stems

A waste by-product of the separation of the leaves & flowers during the factory processing



Peppermint Stems

A waste by-product of the separation of the leaves during factory processing



Pomegranate Peel

Peels left over from the drinks industry can provide potentially valuable resources. Reported that both juice and peel are rich sources of polyphenols indicating the antioxidant potential



Sweet Orange & Lemon Peel

Fruit remaining after main harvest are handpicked daily, spiral peeled by hand, then air dried. Peels are cut & kibbled in the UK, generating a waste by-product known as chaff



Blackcurrant Pomace

UK juice industry produces a significant quantity of dried seedless pressings - fruit pomace. Used to create a UK sourced, upcycled blackcurrant extract



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