



Texiterra® BF Soya

Natural oils for personal care **Technical Data Sheet**



Product overview

Texiterra BF Soya is a ferment filtrate of soya beans with excellent antioxidant and anti-ageing benefits. It is manufactured via a dual fermentation process resulting in a more effective product than typical soya extracts. Mild to skin, BF Soya is enriched in vitamins B and E, isoflavonoids and minerals, which provide both anti-ageing and anti-photoaging benefits helping reduce age spots, fine lines and wrinkles. It moisturizes and conditions skin and hair, whilst strengthening and improving hair texture, making Texiterra BF Soya perfectly suited for natural skin care and hair care formulations.

INCI name

Bacillus/Saccharomyces/Soybean Seed Ferment Filtrate (and) Glycerin (and) Lactobacillus/Radish Root Ferment Extract Filtrate

Vegan and Halal

This product does not contain animal derived ingredients or animal by-products and so can be considered suitable for vegans.



Typical Values (Not to be taken as a specification)	
Appearance	Clear to slightly hazy liquid
Colour	Yellow to light amber
pH	4.0 – 6.0
Specific Gravity at 25°C (g/cm ³)	1.0 – 1.1

Ingredient (commercial name)	Natural Index	Natural Origin Index	Organic Index	Organic Origin Index
Texiterra BF Soya	0.99	0.99	0	0

Applications

- Anti-ageing skin, sun and hair care
- Make up
- Antiperspirants and deodorants



Key benefits

- Heals and regenerates the skin
- Moisturises and conditions skin and hair
- Fights free radicals
- Promotes youthfulness and skin radiance
- Improves hair texture and helps strengthen hair
- Enriched in Vitamins B and E, flavones and minerals

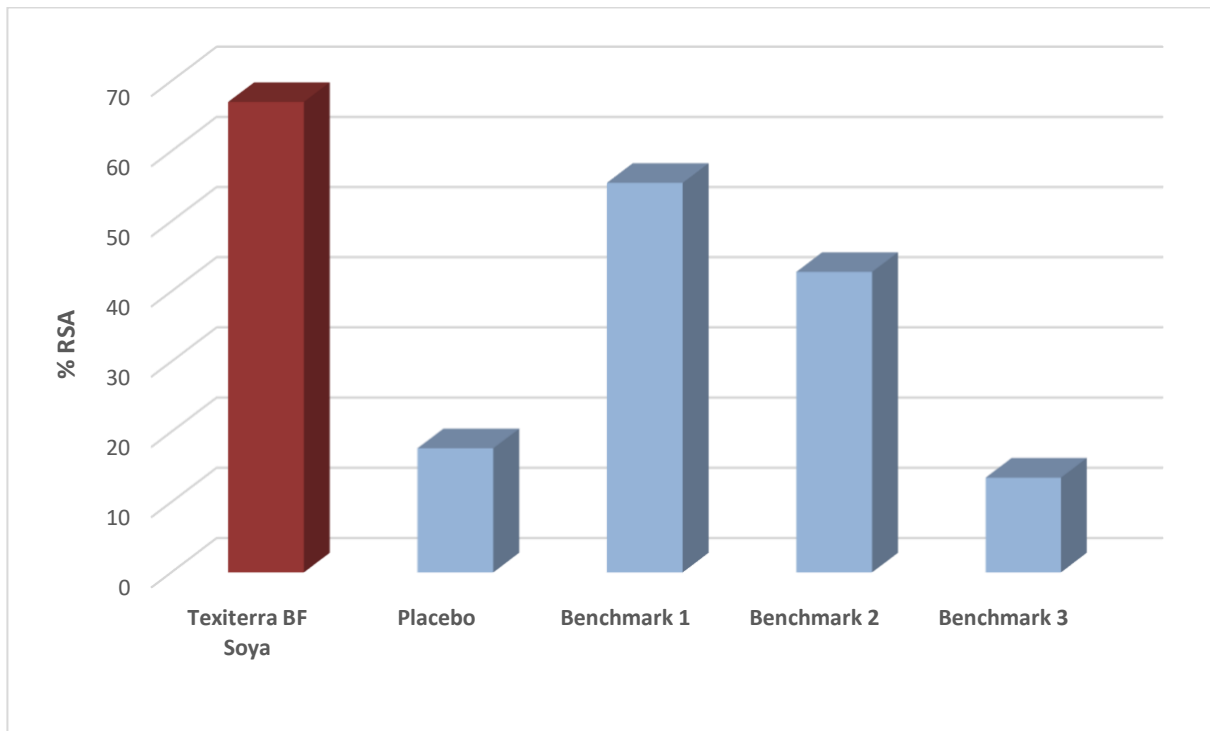
Antioxidant Activity

The radical scavenging activity (RSA) was investigated by analytical techniques using ascorbic acid as a standard. Figure 1 compares the %RSA results for a cream formulation containing 5% Texiterra BF Soya against a placebo cream formula and commercially available benchmark creams claiming antioxidant activity with natural extracts.

The results show that Texiterra BF Soya provides more than 10% improved radical scavenging activity than the closest benchmark cream.

Figure 1

Activity comparison of 5% Texiterra BF Soya cream formulation with other creams containing natural extract antioxidants:



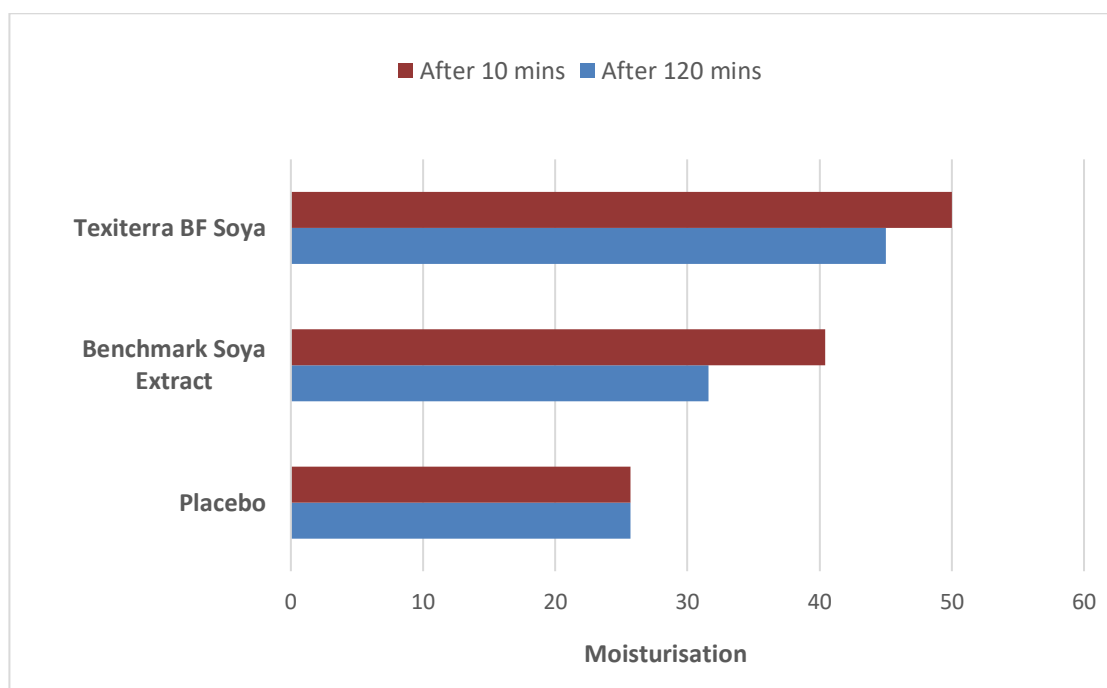


Moisturisation Efficacy

The moisturisation efficacy of Texiterra BF Soya was compared to a benchmark soya extract in a cream formulation (figure 2). Results show that Texiterra BF Soya supports a skin moisturisation claim.

Figure 2

Comparison of Texiterra BF Soya moisturisation efficacy with a benchmark soya extract:



Formulation Guidelines

Texiterra® BF Soya is recommended to be used at 1 - 5.0% in a wide range of personal care formulations.

Packaging and storage

Texiterra® BF Soya is available in 25Kg HDPE Jerry can (please check with your local representative).

Texiterra® BF Soya should be stored in the original, unopened container at room temperature. Protect from excessive heat or cold.

Correctly stored the shelf-life of this product is 12 months.

Health and safety

Please see separate safety data sheet.