

Fruitliquid Pomegranate BG

01/13

Art. No. NA21806

Fruitliquid Pomegranate BG is a butylene glycolic/aqueous fruit extract made with pulp and seeds.

The generic name Punica is the Roman name for Carthage from where pomegranates came to Italy. The tree is native from Iran to the Himalayas and has been cultivated in the Mediterranean region for a very long time.

The main actives in the fruits are tannins (20 to 25%), vitamins, especially C and B-type and minerals.

Pomegranate juice also contains citric acid and sodium citrate, traditionally used for skin diseases. Due to its high tannin content, pomegranate was also recommended as an astringent and to support protection of the skin and hair against UV damage by free radicals.

Specifications

Colour / Odour	:	Clear liquid, colourless with fruity odour
Specific Density (20°C)	:	1.015 – 1.045
Refraction Index (20°C)	:	1.395 – 1.420
pH-Value (20°C)	:	5.0 – 7.0
Water content (Karl Fischer)	:	37.5 – 42.5 %
Total Microbial Count	:	Bacteria : < 100 cfu/g Moulds / Yeasts : < 10 cfu/g

Supplementary technical information

(In addition to the specifications and values mentioned on the certificate of analysis, we also offer the following information in good faith)

INCI Name	:	Butylene Glycol, Water, Punica Granatum Fruit Extract
INCI Name EU	:	To follow Cosing, the European Commission database on http://ec.europa.eu/consumers/cosmetics/cosing/
Preservative	:	Potassium Sorbate (approx. 0.3%) Sodium Benzoate (approx. 0.3%)
Application	:	As an energising and refreshing additive in lotions, tonics, milks, bath and shower formulations, shampoos for fine to normal hair
Recommended Level Of Use	:	max. 10 %

INCI Name:	CAS-No.:	EINECS No.:
Butylene Glycol	107-88-0	203-529-7
Water	7732-18-5	231-791-2
Punica Granatum Fruit Extract	84961-57-9	284-646-0

This data sheet replaces the earlier one dated 04/03, 02/04, 07/04, 10/06.

This extract is based on a **product of nature** which is subject to natural variations. However, this has no influence on the safety of the product or its suitability for use.

Above mentioned specifications are based on our latest information. They do not release the buyer from performing a quality check. No legally binding promise regarding the suitability of the product for a specific use may be derived. Freedom from patent restrictions must not be assumed.