

Product Name	Exotic Bitters Extract Blend 100Ap13 1:2.5		
Product Code	BEXOBI003		
Manufacturing information			
Manufacturer	Blue Sky Botanics Ltd Tel: +44 (0)1989 780 486 W: blueskybotanics.com		
Site of Manufacture	Blue Sky Botanics Ltd, Castle Farm, Upton Bishop, Ross-on-Wye, HR9 7UW		
Country of Manufacture	UK		
Manufacturing Process	Extraction of the botanical with solvent; micro-filtration; packing.		
Product Information			
Origin	The botanical material used in this product is of natural plant origin. The solvent is naturally derived. See section Ingredient Information for Country of Origin for each ingredient.		
Organoleptic properties	This product is made from natural plant material and therefore the organoleptic properties may vary from batch to batch and/or upon storage. Customers must therefore satisfy themselves that the organoleptic properties of each batch meets their specific requirements.		
Botanical Solvent Ratio	1: 2.5		
Ratio description	40 g of botanical is used to manufacture 100g of product.		
Extraction Solvent	Water		
Preservatives	Potassium sorbate		
Uses	Intermediate in the food and drinks industry.		
Product Certification			
Site Certification	BRC Food Safety		
Packaging Information			
Type	UN approved HDPE, natural colour jerry can with black tamper evident screw cap, within a cardboard carton.		
Size	10kg / 25kg (net weight). Alternative packaging available on request.		
Labelling	Self-adhesive label applied to jerry can and outer carton, detailing: Product, net weight, product code, batch code, pack date and best before date.		
Shelf Life & Storage			
Shelf life	12 months from date of manufacture, unopened at recommended storage conditions. Shelf life is not guaranteed for opened product.		
Storage	Cool, dark & dry environment (5-20 ⁰ C).		
Microbiological & Analytical Standards			
Analytical Test	Specification		
TVC	≤100 cfu/g		
Yeasts	≤10 cfu/g		
Moulds	≤10 cfu/g		
Escherichia coli	ND in 1g		
Staphylococcus aureus	ND in 1g		
Salmonella spp.	ND in 25g		
pH	<5		
Nutritional analysis	Extract not analysed		
Ingredient Information			
Ingredient	Part Used	Latin Name	Ingredient Country of Origin (subject to availability)
Water	N/A	Aqua	Potable water
Liquorice	Root	Glycyrrhiza Glabra	Spain
Lime	Peel	Citrus Aurantifolia	Mexico/ Brazil/Spain
Cinnamon	Bark	Cinnamomum Zeylanicum	Sri Lanka
Lemongrass	Aerial Parts	Cymbopogon citratus	Thailand/ Vietnam

Cardamom	Pod	Elettaria cardamomum	Central America/ Guatemala
Gentian	Root	Gentiana lutea	Spain
Cacao	Husk	Theobroma cacao	Equador/ Peru/ Madagascar
Cinchona	Bark	Cinchona succirubra	Equador
Lime Leaf	Leaf	Citrus hystrix	Thailand
Citric acid	N/A	N/A	Belgium / China
Potassium Sorbate	N/A	N/A	N/A

Animal Testing	Blue Sky Botanics Ltd does not and has not carried out, or commissioned, animal testing for any purpose on any of our products.
GMO (Genetically modified origin)	No GMO materials have been used to manufacture this product. To the best of our knowledge Blue Sky Botanics does not handle any GMO's. No GMO's are used in the manufacturing process and there are no plans to introduce such ingredients to our products.
Irradiation	No irradiated materials have been used to manufacture this product. Blue Sky Botanics does not irradiate any of our manufactured products.
Palm Oils and Derivatives	No palm oil has been used to manufacture this product.
Parabens	No parabens have been used to manufacture this product.
BSE & TSE / Animal Products or Derivatives	The product is free from animal products and bi-products, Bovine Spongiform Encephalopathy (BSE) and Transmissible Spongiform Encephalopathy (TSE). The product does not contain animal product or derivatives, the possible intermediate or starting products do not contain animal product or derivatives, the product is made by a process whereby no animal product or derivatives are used as auxiliaries. Honey and propolis are processed on site at Blue Sky Botanics.
Vegetarian & Vegan	The product does not contain any animal or animal derived material and is therefore suitable for vegetarians and vegans.
Nano Materials	No Nano materials have been used to manufacture this product. To the best of our knowledge historically and currently, all products manufactured by Blue Sky Botanics Ltd are free from any nano material. No nano technology is used in the manufacturing process and there are no plans to introduce such technology to our products.
Nuts and Nut Derivatives	No nuts and/or nut derivatives have been used to manufacture this product. Blue Sky Botanics operates a nut free factory.

Food Allergens

Regulation EC 1169/2011 ANNEX II Substances or products causing allergies or intolerances	Present in product?	Used on site?
CEREALS CONTAINING GLUTEN (Namely, Wheat, Rye, Barley, Oats, Spelt, Kamut or their Hybridised Strains)	No	Yes - Oats - Very infrequent use- Allergen swab control
CRUSTACEACEANS (Including Prawns, Crab & Lobster)	No	No
Fish	No	No
Eggs	No	No
Peanuts	No	No
Soybeans	No	No
Milk	No	No
NUTS (Namely, Almond, Hazelnut, Walnut, Cashew nut, Pecan nut, Brazil nut, Pistachio nut, Macadamia nut & Queensland nut)	No	No
Celery	No	No
Mustard	No	No
Sesame seeds	No	No
Molluscs	No	No
Lupin	No	No
Sulphur Dioxide & Sulphites at levels above 10mg/kg expressed as SO₂	No	Yes – Sulphur Dioxide - Single Extract ONLY Allergen swab control

Legal Requirements and Health & Safety

Not for retail sale or final consumer use in current format. Botanical Extracts, Oils, Aromas, Flavour Chemicals and products thereof are agricultural and/or industrial products designed for manufacturing purposes and further processing or compounding, within the Food, Beverage, Flavour, Fragrance or Cosmetic sectors. As such, products may contain levels of microbiological, chemical or physical properties outside of those permitted for final product retail sale. Improper handling, transport and/or storage can cause further changes to these properties. Blue Sky Botanics Limited makes every reasonable effort to ensure that our extracts are permitted for food or cosmetic use, but as we have limited knowledge of the final composition or country of sale of the final product, we strongly recommend that the user check all necessary restrictions prior to use within their application as Blue Sky Botanics Limited will not accept responsibility for rejected material due to the incorrect use of our products.

The analytical specification provided in this certificate only serve as a product description. A legally binding guarantee of certain characteristics or of the suitability for a specific application cannot be deduced from this specification in isolation.

To the best of our knowledge the product packaging complies with current UK regulations. See separate Material Safety Data Sheet for further information.

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Issue Date	20.06.19