

**PUKKA HERBS  
FINISHED PRODUCT  
SPECIFICATION  
PH-SPEC-TEAS-018**



**SPECIFICATION APPROVAL**

On agreement of this specification **no changes** to the product specification must be made without prior written agreement from Barry Moore Quality Manager.

<b>Product name</b>	<b>Organic After Dinner tea</b>
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<b>Product code number</b>	<b>P531</b>
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<b>Product specifications</b>			
<b>Ingredients</b>	Roasted chicory root 20%* <i>Cichorium intybus</i> Aniseed 20%* <i>Pimpinella anisum</i> Fennel seed 20%* <i>Foeniculum vulgare</i> Licorice root 12%* <i>Glycyrrhiza glabra</i> Cardamom seed 8%* <i>Elettaria cardamomum</i> Ginger root 8%* <i>Zingiber officinale</i> Orange peel 8%* <i>Citrus sinensis</i> Roasted Dandelion root 4%* <i>Taraxacum officinale</i> *organic		
<b>Country of Origin of raw materials</b>	Product of more than one country		
<b>Weight of herb in tea bag:</b>	<b>Max</b> +1%	<b>Min</b> -1%	<b>Average</b> 1.8g
<b>Weight of tea in box</b>	36g		
<b>Number of tea bags</b>	20 per pack		
<b>Tea bag</b>	Oxygen bleached paper (Chlorine free)		
<b>Envelope (C27)</b>	60gsm clay coated paper laminated to 20gsm PE		
<b>Tag (C27)</b>	190gsm tea bag board		
<b>String</b>	Cotton		
<b>Tests required</b>	<b>Test method</b>	<b>Specification</b>	<b>Permissible variation</b>
<b>Raw material specification</b>	As mentioned in Ph Eur <sup>3</sup> or API <sup>1</sup>	Ph Eur or API, 1990	<b>None</b>
<b>Tea Colour</b>	Organoleptic	Reddish brown	<b>Yes</b>
<b>Tea Odour</b>	Organoleptic	Sweet odour, roasted chicory	<b>Yes</b>
<b>Tea Taste</b>	Organoleptic	Bitter sweet, characteristic roasted taste	<b>Yes</b>

<b>Particle size/viscosity</b>	Sieve	2mm cut	<b>None</b>
<b>Microbial compliance for raw material</b>	ISO Microbiological method	Ph Eur 6.7.5.1.8; Cat A	<b>None</b>
<b>Heavy metals for raw materials</b>	ICP-MS <sup>4</sup>	(EC) No. 629/2008	<b>None</b>
<b>Aflatoxins for raw materials</b>	HPLC <sup>6</sup>	EC <sup>7</sup> 1881/2006	<b>None</b>
<b>Organic compliance</b>	Documentation	EU <sup>8</sup> (EC) No 834/2007, No 889/2008 USDA: NOP	<b>None</b>
<b>BBD/Expiry</b>	Stability test if available	3 years	<b>None</b>

<sup>1</sup> Ayurvedic Pharmacopoeia of India

<sup>2</sup> British Pharmacopoeia

<sup>3</sup> European Pharmacopoeia

<sup>4</sup> Inductively Coupled Plasma Mass Spectrometry

<sup>5</sup> National Sanitation Foundation / American National Standards Institute

<sup>6</sup> High Performance Liquid Chromatography

<sup>7</sup> European Commission

<sup>8</sup> European Union

<b>Label requirements</b>	
<b>Label applier SA approved</b>	Yes. Documentation held on file
<b>Soil Association Organic Certification (834/2007 &amp; 889/2008)</b>	Yes (ref: P8357)
<b>USDA NOP organic certification (Certified by SA Certification UK Ltd)</b>	Yes (ref: NOP8357)
<b>JAS certification</b>	No (Pending)
<b>Special instructions</b>	BBD and Batch printed on base of carton
<b>Bar code</b>	5065000523909
<b>Language</b>	English (Ingredients in English / Dutch / Danish / Norwegian / Swedish / German)

<b>Fill requirements</b>	
<b>Special instructions</b>	Tag and string to be firmly attached. Bag to be filled correctly

<b>Container requirements</b>	
<b>Carton</b>	FSC, material from mixed sources, SA-COC-

	001849
<b>Cellophane</b>	No
<b>Glue</b>	EVA hot melt adhesive for packaging - approved for packaging of food according to FDA guidelines 175.105

<b>Outer Packaging requirements</b>	
<b>Material</b>	TBC
<b>Size</b>	L 247 mm x W 75mm x H 155mm
<b>No of products per outer</b>	4
<b>Outer bar code</b>	5065000523787
<b>Outer label; generic</b>	Product name, pukka web address, organic certification, SA logo, Org Cert UK 5, volume in box
<b>Outer label; specific</b>	NA

<b>Artwork approval</b>	
<b>Artwork location</b>	Server
<b>Artwork image</b>	

<b>LOGISTICAL INFORMATION</b>	
<b>Qty per inner box:</b>	20 sachets per retail carton box
<b>Qty per outer box</b>	4 cartons per case
<b>Cardboard boxes Per Pallet Layer (TI):</b>	24
<b>Layers Per Pallet (HI):</b>	17
<b>Units Per Pallet:</b>	408
<b>Trays Per Pallet:</b>	NA

<b>Pallet Height:</b>	NA
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<b>STORAGE &amp; SHELF LIFE INFORMATION</b>				
<b>Storage Temperature</b>	<b>MIN</b>	0°C	<b>MAX</b>	30°C
<b>Storage Requirements</b>	Store in dry place out of direct sunlight			
<b>Detail Any Special Storage Requirements</b>	Below 30°C			
<b>Total Shelf Life</b>	3 years			

<b>Legislative compliance</b>
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This product conforms with (indicate all that apply):

- Consumer Protection Act                       Trades Description Act
- Weights and Measures Legislation
- MCA/FDA Licensed Use                       EU Traditional Herbal Directive
- EU and UK Food Legislation                       EU Health Claims Directive 1924/2006
- EU GMO Regulation 1829/2003
- Food Safety Act 1990 including General Food Hygiene Regulations
- EU Food Supplement Directive 2002/46
- Other (specify): .....

<b>FOOD INTOLERANCE DATA &amp; ALLERGEN LABELLING</b>			
<b>Is the Product Free From:</b>	<b>YES</b>	<b>NO</b>	<b>SOURCE/DETAIL</b>
<b>Nuts and nut products thereof (including any possible sources of cross-contamination)</b>	X		There are no nuts on site and no nuts in recipe, however we cannot guarantee nut free.
<b>Cereals containing gluten and products thereof</b>	X		
<b>Crustaceans and products thereof</b>	X		
<b>Eggs and products thereof</b>	X		

<b>Fish and products thereof</b>	X		
<b>Peanuts and products thereof</b>	X		There are no nuts on site and no nuts in recipe, however we cannot guarantee nut free.
<b>Soybeans and products thereof</b>	X		
<b>Milk and dairy products (including lactose)</b>	X		
<b>Celery and products thereof</b>	X		
<b>Mustard and products thereof</b>	X		
<b>Sesame seeds and products thereof</b>	X		
<b>Sulphur dioxide and sulphite at concentrations &gt;10mg/kg or &gt;10mg/litre</b>	X		
<b>Wheat and products thereof</b>	X		
<b>Maize and products thereof</b>	X		
<b>Fruit and fruit derivatives</b>	X		
<b>Vegetable and vegetable derivatives</b>	X		
<b>Yeast and yeast derivatives</b>	X		
<b>FOOD ADDITIVES</b>			
<b>Is the Product Free From :</b>	<b>YES</b>	<b>NO</b>	<b>SOURCE/DETAIL</b>
<b>Additives</b>	X		
<b>Azo and Coal Tar Dyes</b>	X		
<b>Glutamates</b>	X		
<b>Benzoates eg Sodium benzoate</b>	X		
<b>BHA/BHT</b>	X		
<b>Sulphites</b>	X		
<b>Potassium sorbate</b>	X		
<b>Dioxins</b>	X		
<b>Aspartame</b>	X		

<b>PRODUCT SUITABILITY</b>			
<b>Is the Product Suitable for :</b>	<b>YES</b>	<b>NO</b>	<b>SOURCE/DETAIL</b>
<b>Vegetarians</b>	X		Every one of our products is suitable for vegetarians
<b>Ovo-lacto Vegetarians</b>	X		
<b>Vegans</b>	X		
<b>PROCESSING STATEMENTS</b>			
<b>Statements</b>	<b>YES</b>	<b>NO</b>	<b>SOURCE/DETAIL</b>
Have the products, packaging or any compound ingredients been <b>irradiated</b>		X	
Have the products, packaging or any compound ingredients been <b>tested on animals</b>		X	
Have any of the products, packaging or any compound ingredients been derived from or manufactured with <b>GMOs</b>		X	

<b>Current version</b>	02
<b>Date of change</b>	02.09.2010
<b>Reason for change</b>	European Pharmacopeia, name change approved

<b>Specification Prepared By:</b>	Gosia Silska
<b>Position:</b>	QC Technician
<b>Date:</b>	02.09.2010

<b>Specification Approved By:</b>	Barry Moore
<b>Signature:</b>	
<b>Position:</b>	QC Manager
<b>Date:</b>	02.09.2010