

## PRODUCT SPECIFICATION & DATA SHEETS

Kastalia UK High Activity Cream Yeast – Product Code: VS-KALA Country of Origin – Belgium



### GENERAL DETAILS –

The above product complies with the applicable UK and European food legislation.  
 The product is principally intended for the production of bread and other bakery products.  
 Do not consume raw. Food using this product must be baked before consumption.  
 More information is available from the following web links – [WWW.lesaffre.uk](http://WWW.lesaffre.uk) or [WWW.cofalec.com](http://WWW.cofalec.com)

### PRODUCTION PROCESS –

Multiplication of a pure yeast culture in a medium containing molasses and nutrients. Separation of the yeast from the culture medium.  
 Cream yeast cooling, storage and final filling of bag in box (suitable for use in a dispenser system),

### INGREDIENT DECLARATION -

Declaration –	Ingredients -	
Yeast ( <i>Saccharomyces Cerevisiae</i> )	Yeast	99.95%
	Stabiliser E415 (Xanthan Gum) Approx.	0.05%

### PERFORMANCE -

Activity (Fermentometer F.Test) –	
Mean Target - mls.CO <sub>2</sub>	71
Range Individual Yeast Samples - mls. CO <sub>2</sub>	67 – 75

### PHYSICAL & ORGANOLEPTIC CHARACTERISTICS –

Appearance	Uniform creamy liquid
Colour	Beige – Can vary light to dark shades.
Odour & Flavour	Typical of Yeast.
Texture	Smooth and creamy.

### FOOD SAFETY -

Foreign Material	The product and all ingredients used in its manufacture shall be free from infestation, contamination and extraneous matter including foreign flavours, colours and taints.
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### PACKAGING –

Primary – In contact with product.	Food compatible materials. Vented plastic bag within a cardboard carton.
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### DELIVERY –

Carton Weights	22 Kg
Temperature at Delivery	Target <5oc – Maximum 8oc

### PRODUCT IDENTIFICATION -

Bag in Box (suitable for use in a dispenser system)	On each Bag in Box the following information is printed – - KB = specific code to indicate Kosher status - DD/MM/YYYY = best-before date - VSxxxxxx = packing number consisting of 7 figures, preceded by 'VS'; the first 2 figures stand for the year, eg. 16 - HH:MM = time of production
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### PRODUCT CERTIFICATION -

<b>HALAL</b>	- The product is certified as HALAL and fit for use in HALAL products.
<b>KOSHER</b>	- The product is also certified as Kosher Parve Lamehadrine. Copies of current certificates are available on request.

## Typical Product Data –



Kastalia UK High Activity Cream Yeast – Product Code: VS-KALA

### General Data -

Lesaffre/Algist Bruggeman made Kastalia Yeast is for industrial use. This Bakers' Yeast is a product made by multiplication of a selected yeast strain of *Saccharomyces Cerevisiae*. It is a cream coloured liquid with a characteristic taste and smell. One gram of yeast will contain about several million living cells. The Technical Aids used in the manufacture of this yeast serve no purpose in the final product and therefore do not need to be declared on the final product packaging.

### Typical Composition -

Dry Matter - %	16 – 19
Nitrogen on dry matter - %	8 + / - 1.5
Ash - %	6 + / - 2
Xanthan Gum - %	0.05

### Typical Microbiology –

Coliforms - (CFU/g of yeast)	≤1000
E Coli - (CFU/g of yeast)	≤10
<i>Salmonella</i>	Absent in 25g of yeast
Staphylococcus Aureus - (CFU/g of yeast)	≤10
Listeria Monocytogenes - (CFU/g of yeast)	≤10

### Typical Nutritional Values / 100g –

Energy	275Kj 63K cal
Protein	8.5g
Carbohydrate	2.6g
Sugars	2.1g
Fibre	4.8g
Fat	1.0g
Saturates	0
Polyunsaturates	0
<b>Vitamins -</b>	<b>Minerals -</b>
Thiamine (B1)           0.340 – 2.55 mg	Potassium               0.102 – 0.425 g
Riboflavin (B2)       1.020 – 1.36 mg	Sodium                 <0.085g
Pyridoxin(B6)         0.340 – 1.020 mg	Salt (Sodium x 2.5)   <0.213 g
Folic Acid (B9)        0.34 – 0.68 mg	Calcium                 0.003 – 0.026 g
PP (Niacin)            1.7 – 10.2 mg	Magnesium             0.005 – 0.043 g
Biotin(B8)             0.009 – 0.043 mg	Iron                     0.000 – 0.017 g

<b>Shelf Life –</b>	21 Days from date of production.
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<b>Storage –</b> <b>Bakers' Yeast is a living product the characteristics of which may change according to the storage conditions.</b>	Bulk refrigeration 0-7oc in hygienic conditions then into the dedicated refrigeration unit supplied with this unique system. The unit is set to control to an average temperature of 4oc. Avoid freezing.
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**Allergens –** Kastalia HA Cream Yeast complies with Regulation (EU) 1169/2011. Labelling is not required with regard to the 14 allergenic substances listed in (EU) 1169/2011.

<b>Dietary Suitability –</b>	<ul style="list-style-type: none"> <li>• Vegetarians, Vegans</li> <li>• Kosher</li> <li>• Halal</li> </ul>
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**GMO Declaration – Yeast Strain Origin -** The yeast described in this document has not been produced from Genetically Modified Organisms as defined by current applicable European legislation. All of our yeasts are manufactured exclusively from strains of *Saccharomyces Cerevisiae* obtained from our R&D Department.

**Health & Safety-** No particular hazards or special handling provisions beyond normal best practise typical for bakeries and or bulk storage facilities are associated with this product. Contact us direct if copies of Material Safety Data Sheets are required.