	Specification Sheet	Document Ref	HB3.6.87
		Issue Number	3
	Title: Blackcurrant Powder	Date of Issue	17/08/2023
		Page Number	1 of 2

PRODUCT SPECIFICATION for Freeze dried Blackcurrant powder 0-2mm

Product Description:

Freeze Dried blackcurrant powder made from ripe. fresh frozen blackcurrant. Product is metal detected; (Fe 0.8mm, Non Fe 1.2mm, SS 1.6mm, Al 1.0mm)

The freeze drying process uses reduced pressure and very low temperatures so the natural colour and flavour is maintained and nutritional values remain close to those of fresh fruit.

Sensory Description:

Colour - light violet - dark violet (natural colour variation possible)

Aroma - Typical for blackcurrants, free from off aromas

Taste - Typical for blackcurrants, free from off or foreign flavours

Texture - Free flowing powder.

Ingredients: Blackcurrant

Countries of Origin: China, Hungary, Lithuania, Poland, Serbia, Ukraine, Other locations may be possible.

Microbial Limits:

Total Plate Count <50,000 CfU/g

Yeasts <5,000 CfU/g

Moulds <5,000 CfU/g

Coliforms <100 CfU/g

E. coli <10 CfU/g*

Salmonella neg./ 25g*

*Monitoring once per year from raw material


new crop material may be at a maximum of <10,000/g for yeast count, due to the acidity of the product this reduces in 4-8 weeks to the maximum number according to the specifications.

Shelf Life/Storage Conditions:

12 months on receipt.

Product must be kept dry (max 65% humidity) and stored in an airtight container after opening to achieve the stated shelf life. Store below 20°C to maintain optimum quality through life.

Prepared by:	Richard Strauss	Approved by:	Richard Oliver
--------------	-----------------	--------------	----------------

	Specification Sheet	Document Ref	HB3.6.87
		Issue Number	3
	Title: Blackcurrant Powder	Date of Issue	17/08/2023
		Page Number	2 of 2

Nutritional per 100g:

Moisture	<5%
Energy	1152 kJ
Energy	275kcal
Carbohydrates	32.6g
of which Sugar	32.6g
Protein	6.6g
Fat	0.1g
of which Sat Fat	0.1g
Fibre	35.2g
Sodium	0.01g
Salt	0.02g
Minerals	4.2g
Org.Acids	13.6g

Packaging:

Sealed blue bag inner, cardboard outer.
Laminate foil pouch.
Sachet.

GMO

Genetically modified blackcurrants are not used. No other ingredients or processing aids are used in manufacture.

Allergens

Product contains only blackcurrants.

Irradiation

This product is not subject to ionising radiation.

Prepared by:	Richard Strauss	Approved by:	Richard Oliver
--------------	-----------------	--------------	----------------