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Product  
Frozen Cultivated Blueberries

Revision  
02

Frozen Blueberries

## Individually Quick Frozen (IQF) Whole Blueberries

Premium product for HORECA, industry, and retail.

### 1. Product Description

Product obtained by IQF freezing tunnel of fresh cultivated blueberries (*Vaccinium Corymbosum*), selected, healthy, free from diseases, fungi and foreign matter. 100% Natural Cultivated Blueberries, no additives or preservatives added. Processing in facilities certificated with BRC.

### 2. General & Physico-Chemical Characteristics

Varieties:	Mainly Duke, Legacy, Draper and Bluecrop.
Process:	Frozen in an IQF tunnel.
Color:	Intensive blue purple
Taste and Smell:	Typical of variety
Texture:	Firm
Size/Caliber:	12 - 20 mm
Brix:	≥ 12°
pH:	2.8 - 4.0

### 3. Quality Standards (per 1 kg sample)

Undersize (<12mm):	< 3%
Crushed / Broken:	< 1.5%
Overripe / Unripe:	Max 2.5%
Off color:	< 2.0%
Dehydrated:	< 2.0%
Blocked:	< 0.5%
Stalks (whole or part):	Max 3
Leaf or fragments:	Max 1 unit
Fermentation:	Absent
Foreign Matter (EVM):	Absent

### 4. Microbiological Specifications

Aerobic Plate Count:	< 50,000 cfu/g
Enterobacteriaceae:	< 100 cfu/g
Yeast and Moulds:	< 1,000 cfu/g
Coliforms:	Absent in 25g
E. Coli:	< 10 cfu/g
Staphylococcus Aureus:	< 10 cfu/g
Salmonella spp:	Absent in 25g
Listeria spp:	Absent in 25g

### 5. Manufacturing Process

- I. Hand-harvesting, inspection, and storage in a 0°C camera before freezing.
- II. Washing and belt inspection before entering the IQF Tunnel.
- III. Post-freezing inspection, passing through a cleaning shaker, two destemmers, a size calibrator, and a Laser Sorter.
- IV. Packing into 13.6 kg bags, cartoning, metal detection, and storage at -18°C.

### 6. Packaging & Logistics

Packaging:	13.6 kilos per case, 1 bag of 13.6 net kilos each. Fruit packed in 60 micron thick, blue poly-lined bag inside a carton box sealed with tape.
Storage:	Keep at -18°C or below.
Shelf Life:	24 months from production date.

### General Information

Allergens:	None. Nuts are not processed at the production facility.
GMO:	The product is 100% GMO free.
Suitability:	Suitable for Vegetarians and Vegans.
Regulations:	Conforms to EU and USA pesticide and heavy metal regulations.
Usage:	Once defrosted DO NOT re-freeze. To be consumed after cooking.

### Certifications

