

IQF Whole Strawberry Specification (VLM – US FDA)

Specification Creation Date: 17-Nov-2023

Specification Revision Date: 17-Nov-2023

1- Product Description:

U.S. Grade A or U.S. Fancy is the quality of frozen strawberries that possess similar varietal characteristics; that possess a good flavor; that possess a good color; that are practically free from defects; that possess a good character; that score not less than 90 points when scored in accordance with the scoring system outlined in United States Standards For Grades Of Frozen Strawberries February 1. 1958.

2- Physical / Chemical Aspects:

Parameter	Tolerance of defects (Max.) in a sample of 907 g			
	% (W/W)	Number	Cm ²	Score
Completely colored		85%		36 - 40
Partially uncolored		5%		
Sand – pit – stone fragment		None		36 - 40
Harmless extraneous material and Leaves			1	
Stem		2 Less Than 1.27 cm		
Short Stem		16		
Damaged Strawberry	5%			
Mushy and Partial strawberry	10%			18 - 20

Other Parameters	Tolerance
Size	Un calibrated Strawberries
Brix (Average)	6.0
Flavor/Odor	Typical of strawberries, no objectionable flavor or odor
Foreign Material	The product must be absent of organic bodies and foreign materials such as insects, metal, glass, wood, hair, and feathers

3- Contaminants Aspects:

Pesticides	Comply with FDA Regulations
Heavy Metals	Comply with FDA Regulations

4- Microbiology Aspects:

Microbiological Parameter	Accepted Tolerance*
TPC (total plate count)	Maximum 100,000 cfu/g
Coliforms	Maximum 100 cfu/g
Escherichia coli	< 10 cfu/g
Listeria monocytogenes	Absent / 25g
Salmonella	Absent / 25g
Hepatitis-A**	Absent / 25g (Minimum once per year)
Norovirus**	Absent / 25g (Minimum once per year)
E- coli O 157	Absent / 25g
Yeast	5000 cfu/gm
Mold	5000 cfu/gm
Staphylococcus aureus	<10 cfu/g

5- Metal Detection Limits

Item	Bulk (Cartons / Bags) more than 2.5 Kg	Bags less than 2.5 Kg
Ferrous	4.0 mm	2.5 mm
Non Ferrous	4.0 mm	3.0 mm
Stainless Steel	5.5 mm	4.0 mm

6- Allergens and Intolerance:

Allergen	Present in the end product		Present in factory	
	Yes	No	Yes	No
Cereals containing gluten (wheat, rye, barley, oats, buckwheat, kamut or ist variety)/ derived*		x		x
crustaceans/ derived		x		x
Eggs/ derived		x		x
Fish/ derived		x		x
Peanuts/ derived		x		x
Soybeans		x		x
Milk and derived		x		x
Nuts (almons, hazelnuts, walnuts, pecans, Brazil nuts, pistachis, macadamia nuts, Australian nuts) and derived.		x		x
Celery		x		x
Mustards		x		x
Lupin and produc based in lupins		x		x
Molluscs and product based in molluscs		x		x
Sesame		x		x
Sulfur dioxie (>10 ppm)		x		x

7- Non-GMOs statement:

Supplier declare that he do not modification in his products: packed, stored and sold.
 No ingredients have GMO.
 Technology or process are not produced by Gentechology.
 The product is comply with current law of non-GMOs 1829/2003 and 1830/2003.

8- Storage

Temperature To be Stored at-18°C or below. When the product is thawed do not refreeze it.
Storage Must be stored in clean, Hygienic environment.

9- Packaging:

- * Carton boxes with inner blue PE bag.
- * Carton boxes only closed with tape.
- * Carton boxes & inner blue PE bags are food safe.
- * Carton Net weight: 13.6 kg

Customer Approval

Name: Ahmed Fayed
Position: Quality Assurance Manger.....
Date: 17-11-2023

Signature & Stamp

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