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Prepared: Dorota Siedlecka	IQF APPLE SEGMENTS	Edition date: 02.08.2018
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1. PRODUCT DESCRIPTION


Features	
Product descriptions	Product resulting from the freezing of a healthy apple cutting with declared dimensions
Size	Depend of order: could be for example: 1/8; 1/12; 1/16 or other (if possible) depend of customer requirements
Country of origin	Poland
Appearance	Healthy apple segments , clean, not icy, without permanent clumps.
Colour	Typical for apple: white cream, light yellow, dark yellow, light green – depend of variety of apple
Variety	In accordance with customer demand , mainly: Ligol, Idared, Jonagold
Wholesomeness	Apple segments without damage caused by diseases and pests
Smell and taste	Aromatic, without foreign tastes and smell
Consistency : - in frozen state - in thawed state	Hard Weakened
Contaminations	Clean apple segments, free from mineral and plant contaminations, do not allow foreign matter
Country of origin	Poland
Additives	3% of citric acid added to water on washing step

2. DEFINITIONS

Irregular segments	Segments significantly different in size from the rest pieces
Permanent clumps	Two or more pieces of apple, or their parts which can not be separated without damage.
Plant origin contaminations	Any harmless, inedible vegetable material
Mineral contaminations	Soil, sand, etc.
Foreign contaminations	Insects or their parts, wood, plastic, paper, stones, metal, etc

3. TOLERANCES OF DEFECTS

Features	Tolerances
Colour Content of segments, not more than: - with colour defects	5pcs/1kg
Appearance Content of segments, not more than: - irregular segments - permanent clumps	15% 10%
Wholesomeness Segments damage by diseases and pests, not more than:	1pcs/1kg
Contaminations Content, not more than: - with skin residue - with seed nest residue - organic contaminations of plant origin - mineral contaminations	3pcs/1kg 2pcs/1kg 0,03% 0,03%

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4. MICROBIOLOGICAL STANDARDS

Parameter	Target	Maximum
TVC	≤ 100 000	≤ 1 000 000
Enterobacteriaceae	≤ 100	≤ 1 000
Coliforms	≤ 100	≤ 1 000
Escherichia coli	≤ 10	≤ 100
Yeasts	≤ 1000	≤ 10 000
Moulds	≤ 1000	≤ 10 000
Staphylococcus aureus	≤ 100	≤ 500
Salmonella in 25g	absent	absent
Listeria monocytogenes in 25g	absent	≤10 in 1g

5. NUTRITIONAL DATA

Nutritional value in 100g	
Water	86,85g
Energy (kJ i kcal):	200,64 kJ, 48 kcal
Fat	0,32g
- Saturated fatty acids	0,053g
- Unsaturated fatty acids	0,108g
Protein	0,28g
Carbohydrates	12,31g
Sugars	10,10g
Fibre	1,3g
Sodium, Na	3mg
Salt	0,008g
Food additives	Not allowed

Source - literature data: USDA National Nutrient Database for Standard Reference Release 27

6. STORAGE AND TRANSPORT CONDITIONS

Storage: storage temperature required to maintain at every place of the product temperature of not more than -18°C.

Transport: transport temperature required to maintain at every place of the product temperature of not more than -18°C.

7. TOTAL PRODUCT SHELF LIFE


24 months at a temperature no higher than - 18 ° C

8. EXPECTED FOR USE

- after defrosting according to recipes used for finished products, dishes and meals
- repacking

9. PACKAGING AND LABELLING

Packaging	Paper bag, multi-layered, internally foiled or folding box made of cardboard lined with polyethylene film bag or by agreement. Packaging tight, clean, whole, free from foreign smell.
Labelling	<ul style="list-style-type: none"> – Product name – Producer name and address

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	<ul style="list-style-type: none"> - Marking allowing the identification of the batch - Net weight - Total product shelflife when stored at temperatures no higher than - 18 ° C - Information about the content: protect against defrosting
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according PN-A-75053 or by agreement

10. LEGAL BASIS

Content of heavy metals	According to current regulations of Polish Law and EU
Pesticide residue	According to current regulations of Polish Law and EU
GMO	The product neither contains nor consists of, nor is it produced from genetically modified organisms
Allergens	The product does not contain allergenic ingredients specified in the current EU regulations