

Fettuccini 8 mm, without egg

<i>product code</i>	F08980	(fettuccini 8 mm, without egg)			
<i>document</i>	QS 04 011	<i>created</i>	27/05/2004	<i>revision</i>	8/01/2014
				<i>version</i>	5

<i>variety</i>	-	<i>cut</i>	IQF	<i>quality</i>	A
<i>origin</i>	Belgium	<i>size</i>	-		

physical standard					F08980 8/11/2006
<i>parameter</i>	<i>unit</i>	<i>value</i>	<i>tolerance</i>	<i>reject</i>	
on 1000 g (frozen product)					
Foreign matter	pieces	0			
Foreign extraneous vegetable matter	pieces	0			
on 250g (frozen product)					
length < 4 cm	gram	12,5			
width 6...10 mm	gram	250			
gauge 1...3 mm	gram	250			

chemical standard					F08980 2/01/2014
<i>parameter</i>	<i>unit</i>	<i>value</i>	<i>tolerance</i>	<i>description</i>	
Dry matter	%	37	+/- 1		

organoleptic quality		PEN980
<i>parameter</i>	<i>description</i>	
Taste	Charakteristic, pure flavour, no off flavours allowed.	
Odour	Characteristic, no off odours.	
Texture	Al dente, uniformly tender, yielding to the bite, not too firm, not too soft.	
Colour	A homogene pale yellow-white colour.	

micro standard					DEF-Bact pâtes 16/07/2012
<i>parameter</i>	<i>unit</i>	<i>Target</i>	<i>Maximum</i>	<i>micro method</i>	
Salmonella	25 gram	Absence	Absence		
Listeria monocytogenes	gram	10	100		
Bacillus cereus	gram	10	100		
E-coli	gram	10	10		
enterobacteriaceae	gram	100	1.000		
total viabel count	gram	50.000	500.000		

allergens													Alba 4a pâtes sans oeufs
<i>major allergens</i>				* 1	2	3	<i>major allergens</i>				* 1	2	3
arachid and derivatives				☐	☐	☒	eggs and derivatives				☐	☐	☒
fish				☐	☐	☒	crustaceans, molluscs and their derivatives				☐	☐	☒
soy and derivatives				☐	☐	☒	milk and derivatives (incl. lactose and milk proteins)				☐	☒	☐
wheat - gluten				**	☒	☐	oats				☐	☐	☒
barley				☐	☐	☒	rye				☐	☐	☒
spelt wheat				☐	☐	☒	buckwheat				☐	☐	☒
kamut				☐	☐	☒	almonds				☐	☐	☒
hazelnuts				☐	☐	☒	walnut				☐	☐	☒
pistachio nut				☐	☐	☒	pecannuts				☐	☐	☒
pinenut				☐	☐	☒	Brazil nut				☐	☐	☒
cashew nut				☐	☐	☒	macadamia nuts				☐	☐	☒
sesame seeds and derivatives				☐	☐	☒	sulphite E220 to E227				☐	☐	☒

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allergens		Alba 4a pâtes sans oeufs			
lupin and derivatives	☐	☐	☒	celeri and derivatives	☐ ☒ ☐

<i>minor allergens</i>	* 1	2	3	<i>minor allergens</i>	* 1	2	3
mustard and derivatives	☐	☐	☒	yeasts and hydrolysats	☐	☐	☒
cardamom and derivatives	☐	☐	☒	cinnamon and derivatives	☐	☐	☒
vanilla and derivatives	☐	☐	☒	cacao and derivatives	☐	☐	☒
corn and derivatives	☐	☒	☐	dry vegetables (incl. chick peas)	☐	☒	☐
fructose	☐	☐	☒	saccharose	☐	☐	☒
lactose	☐	☒	☐	beef and derivatives	☐	☐	☒
pig and derivatives	☐	☐	☒	chicken and derivatives	☐	☐	☒
lamb and derivatives	☐	☐	☒	rice and derivatives	☐	☒	☐
paprika and derivatives	☐	☒	☐	coriander and derivatives	☐	☐	☒
BHA/BHT (E320 to E321)	☐	☐	☒	cochenil E120	☐	☐	☒
azorubine E122	☐	☐	☒	amaranth E123	☐	☐	☒
ascorbic acid and sorbates E200 to E203	☐	☐	☒	glutamates E621 to E625	☐	☐	☒
glutamic acid E620	☐	☐	☒	tartrazin E102	☐	☐	☒
orange yellow E104	☐	☐	☒	benzoic acid, benzoates E210 to E219	☐	☐	☒
cochenil red E124	☐	☐	☒	honey	☐	☐	☒
carrots	☐	☒	☐	chicory	☐	☒	☐
tomatoes	☐	☒	☐	abricots	☐	☐	☒
avocado	☐	☐	☒	bananas	☐	☐	☒
kiwi	☐	☐	☒	peaches	☐	☐	☒
apples	☐	☐	☒	garlic	☐	☐	☒
curry	☐	☐	☒	parsley	☐	☐	☒
turmeric	☐	☒	☐				

* 1 = intentional presence 2 = not included but allergen is present in factory. Cross contamination is avoided through use of specific procedures 3 = not included and not present in factory

**** additional comments**

wheat - gluten	durum wheatflour
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statements	F08980 28/09/2006
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warning - precautions

Cook the product from frozen. Do not re-freeze a thawed product.
Do not eat raw, always cook the product before eating.

non genetically modified Food Products & Ingredients

To the best of our knowledge, at the time of sale, our products have not been Genetically Modified.
We are fully aware of the two possible areas which could cause problems if not correctly controlled and monitored, i.e. origination from seed or cross contamination during growing.

For these products where GM varieties are cultivated or trialed in our growing area:

- our agronomists use methods of control in the fields to prevent cross contamination and these methods remain confidential to ourselves.
- samples from our end products are continuously checked by accredited independent laboratories who issue certification.
- where possible, we also use independent auditing organisations to carry out analysis of seed prior to acceptance by ourselves.

We also confirm that our grower/supplier contracts include a guarantee clause of GMO status.

product formulation	PEN980
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<i>component</i>	<i>% weight</i>	<i>additional comments</i>
water	54 %	
durum wheat flour	46 %	

nutritional data	pâtes sans oeufs 18/08/2011
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data A pasta, plain, fresh, cooked
data B

proximates

<i>parameter</i>	<i>data A</i>	<i>data B</i>	<i>unit</i>	<i>source</i>	<i>method</i>
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nutritional data	pâtes sans oeufs 18/08/2011
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data A	pasta, plain, fresh, cooked				
data B					
water	61,5		g	Mc Cance & Widdowson 6	
energy Kcal	156		kcal	Mc Cance & Widdowson 6	
energy KJ	661		kJoule	Mc Cance & Widdowson 6	
Protein	6,6		g	Mc Cance & Widdowson 6	
total lipid (fat)	1,5		g	Mc Cance & Widdowson 6	
carbohydrates available	29		g	Mc Cance & Widdowson 6	
fiber, total dietary	1,9		g	Mc Cance & Widdowson 6	méthode AOAC
sugars, total	0,5		g	Mc Cance & Widdowson 6	

carbohydrates					
<i>parameter</i>	<i>data A</i>	<i>data B</i>	<i>unit</i>	<i>source</i>	<i>method</i>
starch	27,9		g	Mc Cance & Widdowson 6	

lipids					
<i>parameter</i>	<i>data A</i>	<i>data B</i>	<i>unit</i>	<i>source</i>	<i>method</i>
fatty acids, total saturated	0,28		g	Mc Cance & Widdowson 6	
fatty acids, total monounsaturated	0,3		g	Mc Cance & Widdowson 6	
fatty acids, total polyunsaturated	0,36		g	Mc Cance & Widdowson 6	
cholesterol	N		mg	Mc Cance & Widdowson 6	

proteins and amino acids					
<i>parameter</i>	<i>data A</i>	<i>data B</i>	<i>unit</i>	<i>source</i>	<i>method</i>
tryptophan / 60	1		mg	Mc Cance & Widdowson 6	

vitamins					
<i>parameter</i>	<i>data A</i>	<i>data B</i>	<i>unit</i>	<i>source</i>	<i>method</i>
vitamin C, total ascorbic acid	0		mg	Mc Cance & Widdowson 6	
thiamin	0,06		mg	Mc Cance & Widdowson 6	
riboflavin	0,03		mg	Mc Cance & Widdowson 6	
niacin	0,7		mg	Mc Cance & Widdowson 6	
pantothenic acid	Tr		mg	Mc Cance & Widdowson 6	
vitamin B-6	0,02		mg	Mc Cance & Widdowson 6	
folate, total	4		µg	Mc Cance & Widdowson 6	
vitamin B-12	0		µg	Mc Cance & Widdowson 6	
retinol	0		µg	Mc Cance & Widdowson 6	
vitamin E (alpha-tocopherol)	Tr		mg	Mc Cance & Widdowson 6	
vitamin D	0		µg	Mc Cance & Widdowson 6	
biotin	Tr		µg	Mc Cance & Widdowson 6	

caretenoids					
<i>parameter</i>	<i>data A</i>	<i>data B</i>	<i>unit</i>	<i>source</i>	<i>method</i>
carotene, beta	0		µg	Mc Cance & Widdowson 6	

minerals					
<i>parameter</i>	<i>data A</i>	<i>data B</i>	<i>unit</i>	<i>source</i>	<i>method</i>
calcium, Ca	37		mg	Mc Cance & Widdowson 6	
iron, Fe	0,8		mg	Mc Cance & Widdowson 6	
magnesium, Mg	19		mg	Mc Cance & Widdowson 6	
phosphorus, P	86		mg	Mc Cance & Widdowson 6	
potassium, K	49		mg	Mc Cance & Widdowson 6	
sodium, Na	16		mg	Mc Cance & Widdowson 6	

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<i>nutritional data</i>	pâtes sans oeufs 18/08/2011
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<i>data A</i>	pasta, plain, fresh, cooked				
<i>data B</i>					
zinc, Zn	0,8		mg	Mc Cance & Widdowson 6	
copper, Cu	0,46		mg	Mc Cance & Widdowson 6	
manganese, Mn	0,4		mg	Mc Cance & Widdowson 6	
chloride	29		mg	Mc Cance & Widdowson 6	
selenium, Se	13		µg	Mc Cance & Widdowson 6	
iodine	36		µg	Mc Cance & Widdowson 6	
<i>other</i>					
<i>parameter</i>	<i>data A</i>	<i>data B</i>	<i>unit</i>	<i>source</i>	<i>method</i>
nitrogen	1,06		g	Mc Cance & Widdowson 6	

<i>document validation</i>

for HesbayeFrost

Theo Baens

Quality Assurance Manager

signature

date 8/01/2014

images

noodles 8mm

