

Product Specification

1. PRODUCT DESIGNATION

Stutzer Product Name	Tempuramehl Gogi 2x12/150g
Stutzer Article Number	40431
Manufacturer's Product Name	Tempura Flour 72 x 150 g
Manufacturer's Article Number	
Country of Production	Thailand

2. MANUFACTURER / SUPPLIER

Manufacturer's Name	M&R Laboratory co.,ltd.
Manufacturer's Code	
Address	
Telephone	
Fax	
E-Mail-Address	
Internet Homepage	
Responsible for Quality Management	

Supplier's Name	Stutzer & Co. AG
Supplier's Code	
Address	Baumackerstrasse 24 8050 Zürich Switzerland
Telephone	+41 44 315 56 56
Fax	+41 44 315 56 00
E-Mail-Address	info@stutzer.ch

3. MANUFACTURER'S CERTIFICATIONS

	yes	no
IFS	<input type="checkbox"/>	<input type="checkbox"/>
BRC	<input checked="" type="checkbox"/>	<input type="checkbox"/>
FSSC 22000	<input type="checkbox"/>	<input type="checkbox"/>
ISO 9001:2008	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ISO 14001	<input checked="" type="checkbox"/>	<input type="checkbox"/>
ISO 22000	<input type="checkbox"/>	<input type="checkbox"/>
SQF2000	<input type="checkbox"/>	<input type="checkbox"/>
BSCI-Code of Conduct (e. g. SA 8000)	<input type="checkbox"/>	<input type="checkbox"/>

Sedex	<input type="checkbox"/>	<input type="checkbox"/>
GLOBALGAP	<input type="checkbox"/>	<input type="checkbox"/>
Others: _____	<input type="checkbox"/>	<input type="checkbox"/>

Remark: Please send all **current and available** certificates.

4. GENERAL PRODUCT INFORMATION

Short product description	A fine powder without agglomeration.
Appearance / Colour	White
Smell	natural
Taste	
Consistency / Texture	powder
Preparation procedure	

Certified according to:
yes no Certificate Code Organic / Biological

Halal A900/2007

Kosher MSC

ASC

FOS Fairtrade

..... RSPO

Other Which?

Remark: Please send all **current and available** certificates.

5. INGREDIENTS (including additives)

Complete the ingredients list in quantitative descending order of weight (Total = 100%).
The quantities of the ingredients have to be specified as they are at the time of production.

Ingredients/Additives(incl. technical function)	Country of Origin	E-No.	%
72 x 150 g : Wheat Flour	USA ,AUS		90
Tapioca Starch	Thailand		6
Baking Powder	Thailand	E-450(0.5%), E-500(0.8%)	3
Others	Thailand	E-621(0.6%)	1

Remarks: Please specify the botanical source of fats, oils, gelatin maltodextrin, glucose syrup, starches and modified starches.

For fish, please specify the fishing area according to FAO (<http://www.fao.org/fishery/area/search/en>) Eg. FAO Area 57

For fish, mushrooms and seaweed, please if possible specify the Latin name.

6. NUTRITION INFORMATION

Based on:	<input checked="" type="checkbox"/> Net weight <input type="checkbox"/> Drained net weight	Average Values per: <input checked="" type="checkbox"/> 100g edible portion <input type="checkbox"/> 100ml edible portion
Energy value		1449 kJ
		356 kcal
Fat		2.3 g
Saturated fatty acids		0.35 g
Monounsaturated fatty acids		- g
Polyunsaturated fatty acids		- g
Trans fatty acids		Less than 0.01 g
Cholesterol		Not detected mg
Carbohydrates		71.4 g
Sugar		2.2 g
Starch		- g
Polyols		- g
Dietary fibers		2.32 g
Protein (N x 6.25)		12.4 g
Salt (Na x 2.5)		0.650 g
Suitable for	vegetarians	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>
	vegans	yes <input checked="" type="checkbox"/> no <input type="checkbox"/>

7. PRODUCTION AND PROCESS INFORMATION

The production **has to be** based on a defined HACCP concept according to Codex Alimentarius.

Process description	<pre> graph LR RM[Raw Material] --> Prep[Preparation] Prep --> Mix[Mix] Mix --> filling[filling] filling --> Packing[Packing] Packing --> Testing[Testing] Testing --> PB[Packing box] PB --> Dist[Distribution] Testing --> Rep[Reprocess] Rep --> Prep </pre>		
Is there a physical process (sterilization, pasteurization, etc.)?			yes <input type="checkbox"/> no <input checked="" type="checkbox"/>
If yes, please specify:	-Type of process: _____ -Time: _____ -Temperature: _____ -If concentrated or dried, concentration factor: _____ - Other conditions: _____		
Are there processing aids (enzymes, clarifying agents, etc.)?			yes <input type="checkbox"/> no <input checked="" type="checkbox"/>
If yes, please specify which:	_____		
Is the product fumigated?			yes <input type="checkbox"/> no <input checked="" type="checkbox"/>
If yes, please specify which fumigant:	_____		
Is the product packed with modified atmosphere?			yes <input type="checkbox"/> no <input checked="" type="checkbox"/>
If yes, please specify the name of the gas:	_____		
Meat / Fish of farmed animals			yes <input type="checkbox"/> no <input checked="" type="checkbox"/>
For wild catch fish please specify fishing method:	_____		
Plants / Mushrooms from:	<input type="checkbox"/> Greenhouse <input type="checkbox"/> Hydroponic <input type="checkbox"/> Wild crop <input type="checkbox"/> Field grown		

8. PREVENTION OF FOREIGN BODIES

Is the product inspected and cleaned from foreign objects?		Yes <input checked="" type="checkbox"/> no <input type="checkbox"/>	
If yes, which method is used?	<input type="checkbox"/>	Metal detection If yes, please specify sensitivity in mm:	Fe: _____ SS: _____ NonFe: _____
	<input checked="" type="checkbox"/>	Sieving	mm: <u> 1 </u>
	<input type="checkbox"/>	X-ray	
	<input type="checkbox"/>	Optical detection	
	<input type="checkbox"/>	Hand selection	
	<input type="checkbox"/>	Winnowing	
	<input type="checkbox"/>	Others	

9. PACKAGING

Product net weight	150 g
Product drained weight	-
Primary packaging material	MPET/LL
Secondary packaging material	PE
Tertiary packaging material	Paper
Product units per packaging	72

The used packaging material is inoffensive in direct contact with the grocery, the food ingredient or the raw material and is a valuable protection against contamination (microbiology, taste and odour) and is conform according to EU **REGULATION (EC) No 1935/2004, 10/2011 and their amending acts and according to the Ordinance of the FDHA on Materials and Articles (RS 817.023.21: <http://www.blv.admin.ch/themen/04678/04887/04891/index.html?lang=en>).** Certificates of compliance **have to be** available on request.

10. STORAGE

Storage temperature:	freezer - 18°C	cold < 5°C	Ambient, not air-conditioned
Shelf life in the original packaging in days			730
Shelf life once opened in days			15

11. BACTERIOLOGY

Characteristics	Unit	Method	Limit value
Aerobic, mesophilic germs	cfu/g		-
Enterobacteriaceae	cfu/g		-
Escherichia coli	cfu/g	FDA BAM Online,2013(Chapter 4)	Less than 3
Yeasts	cfu/g		-
Moulds	cfu/g	FDA BAM Online,2001(Chapter 18)	1000
Staphylococcus aureus	cfu/g	FDA BAM Online,2001(Chapter 12)	Less than 3 MPN/g
Chlostridium botulinum	cfu/g	FDA BAM Online,2001(Chapter 16)	Less than 10
Listeria monocytogenes	in 25 g		-
Salmonella spp.	in 25 g	ISO 6579 : 2002/Amd.1:2007	Not Detected

12. CHEMICAL AND PHYSICAL DATA

Characteristics	Method	Standard value	min.	max.	Unit
Moisture	AOAC (2012) 925.10	14	10	14	%
Water activity (a _w -value)	-	-	-	-	-
pH	-	-	-	-	-
Particle size	-	-	-	-	-
Brix °	-	-	-	-	-

13. ALLERGENS

yes: contained in the raw material as an ingredient (quantity, see point 8)
CC: not avoidable cross-contamination is possible after HACCP-concept
no: free from (< tolerance limits indicated below)

Allergens	yes	CC possible	no
Gluten contained in cereals, i.e. wheat, rye, barley, oats, spelt or their hybridized strains and products of these in a concentration of >20mg/100g if yes, in which ingredient: _____	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Milk and milk products (lactose included) in a concentration of >1g/kg if yes, in which ingredient: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Eggs and egg products in a concentration of >1g/kg if yes, in which ingredient: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

Fish and fish products in a concentration of >1g/kg if yes, in which ingredient:_____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Crustaceans and products of these in a concentration of >1g/kg if yes, in which ingredient:_____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Soybeans and products of these in a concentration of >1g/kg if yes, in which ingredient:_____	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Peanuts and products of these in a concentration of >1g/kg if yes, in which ingredient:_____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Tree nuts like walnuts, hazelnuts, almonds, pecan, macadamia, cashew, pistachios. pine nuts or nut products in a concentration of >1g/kg if yes, in which ingredient:_____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sesame seeds and products of these in a concentration of >1g/kg if yes, in which ingredient:_____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Celery and products of these (included celery salt) in a concentration of >1g/kg if yes, in which ingredient:_____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mustard and products of these in a concentration of >1g/kg if yes, in which ingredient:_____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Sulfite (E 220-E 224, E 226-E 228) in a concentration of >10 mg/kg if yes, quantity:_____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Lupine and products thereof in a concentration of >1g/kg if yes, in which ingredient:_____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Mollusc and products thereof in a concentration of >1g/kg If yes, in which ingredient:_____	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

14. RESIDUES, IRRADIATION, NANOTECHNOLOGY

Pesticides / Antibiotics / Heavy metals and other contaminants have to be according to the Swiss Food Legislation see: http://www.admin.ch/ch/d/sr/c817_021_23.html and according to EU Legislation EC 396/2005, EC 1881/2006 and its amending Acts.
Irradiation Is the product or any of its ingredients treated with irradiation? yes <input type="checkbox"/> no <input checked="" type="checkbox"/>
Nanotechnology Do you use nanotechnology (synthetically produced nanoparticles of <100 nm) in your products or on their packaging and do these have properties that differ significantly from those of comparable larger particles? yes <input type="checkbox"/> no <input checked="" type="checkbox"/>

15. GMO INFORMATION

<p>The product has been manufactured without genetically modified organisms, ingredients, additives, microorganisms or processing aids and can therefore be declared according to:</p> <ul style="list-style-type: none"> - Swiss Food Legislation: http://www.admin.ch/ch/d/sr/c817_022_51.html - EU Directives: 2003/1829/EG, 2003/1830, 1332/2008 <p>as GMO free. yes <input checked="" type="checkbox"/> no <input type="checkbox"/></p>
<p>Documents available as proof of the GMO free status:</p> <ul style="list-style-type: none"> <input type="checkbox"/> IP-Certificate for Raw materials <input type="checkbox"/> PCR-Analysis for Raw materials <input type="checkbox"/> PCR-Analysis for end product

16. PRODUCT DECLARATION / IDENTIFICATION

yes <input type="checkbox"/>	<input checked="" type="checkbox"/> no	Article Code
yes <input checked="" type="checkbox"/>	<input type="checkbox"/> no	Supplier's product designation
yes <input checked="" type="checkbox"/>	<input type="checkbox"/> no	Supplier's name
yes <input checked="" type="checkbox"/>	<input type="checkbox"/> no	Manufacturer's name
yes <input checked="" type="checkbox"/>	<input type="checkbox"/> no	Packing- / Manufacturing date (open / coded)
yes <input checked="" type="checkbox"/>	<input type="checkbox"/> no	Best until date or expiration date
yes <input checked="" type="checkbox"/>	<input type="checkbox"/> no	Lot-/Batch-No.
yes <input checked="" type="checkbox"/>	<input type="checkbox"/> no	Risk indication

17. CONFIRMATION BY THE SUPPLIER / MANUFACTURER (additional to the general terms and conditions)

- All Information is confidential and for internal use only.
- The grocery, food ingredients and raw materials are according to the current Swiss and European legislations at the time of delivery.
- The requirements of the EC-Legislation set in the ordinance (EC) No. 178/2002 concerning the Traceability and Food Safety will be secured during the whole production process (source: http://europa.eu/index_en.htm)
- The supplier/manufacturer informs Stutzer & Co. AG unsolicited and prior to manufacturing, or latest prior to delivery, about any deviation or modification with regard to the relevant raw material specifications, as well as any modifications in his manufacturing process which have an influence or effect on the quality of the raw material.
- The quality of the goods delivered is up to the standards as specified in the regulations of the consignee as well as the internal regulations of the manufacturer/supplier. Goods which fail to conform to this raw material specification are rejected and are put at the suppliers' / manufacturers' disposal, at the suppliers' / manufacturers' expense.
- Stutzer & Co. AG is empowered to make sample inspections. These do not exempt any supplier/manufacturer from liability.

Available documents:

Data-Sheet **yes** **no**
 Safety Data Sheet **yes** **no** Veterinary
 Certificate **yes** **no**
 Certificate of Analysis **yes** **no**

Place and Date	Signature Supplier
14-03-2016	Stutzer QC approved

22.03.2016