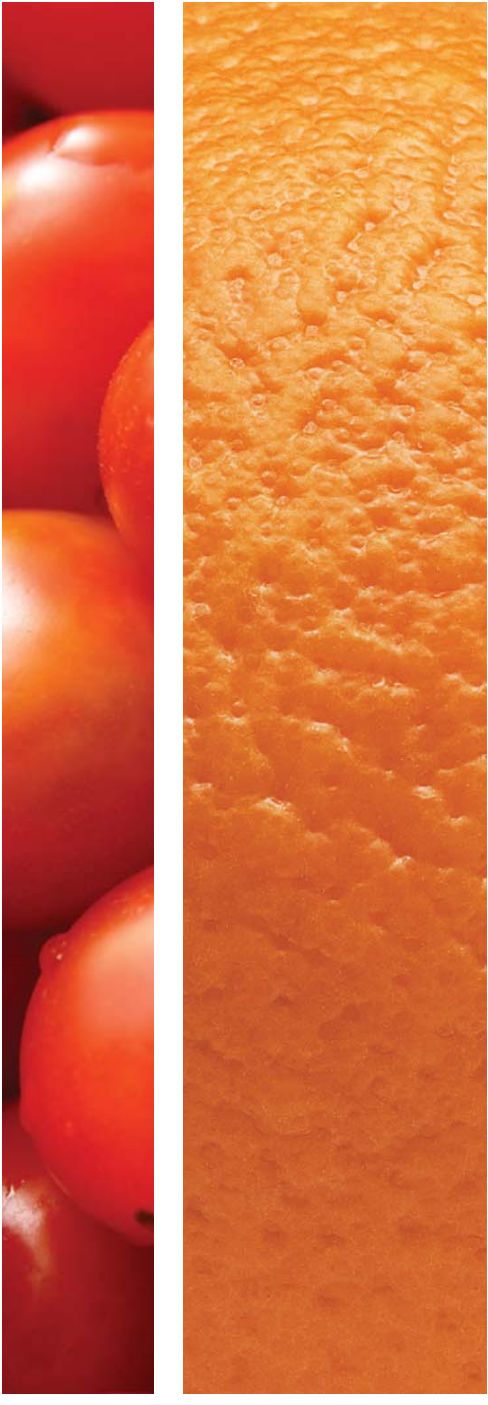


Fruit and Vegetable Powders



natural taste

# a company with great history and taste

Since 1936, at Obipektin we have prided ourselves in setting the international standard for consistently high quality natural food ingredients in concordance with our Swiss origins.

Our R&D and Application teams are continuously advancing an exciting range of fruit and vegetable powders and pectins that have been inspiring the world's leading food and beverage manufacturers to develop great consumer products for over 70 years.

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### Fruit and vegetable powder

Using four drying technologies (vacuum, drum, cold spray and low temperature spray) we offer a complete range of fruit and vegetable ingredients in three different forms; granules, flakes and traditional powders.

We operate the tallest spray drying tower in the world at our facility in Burgdorf, Switzerland. This unique tower is used to produce 100% pure tomato, apple and carrot-powder; with no added carrier we are able to retain all of the flavour, colour and quality of the original raw materials.

### Apple and citrus pectin

We offer a wide range of tailor-made high-methoxyl, low-methoxyl and amidated pectins based on stringently selected apple and citrus raw materials.

Our expert application team is ready to work with you to develop individual solutions to fit your unique needs. Fast and flexible service is our core competence.

### Baby food

We supply ingredients to all sectors of the food and beverage industry, but we are particularly proud of our position as a leading supplier to baby food manufacturers – possibly the most demanding and sensitive food and beverage market.

Here we aim to exceed even the strictest parent's standard and are in accordance with the EC directives:

- Commission Directive 2006/125/EC of 5 December 2006 on processed cereal-based foods and baby foods for infants and young children in its legal version.
- Commission Directive 2006/141/EC of 22 December 2006 on infant formulae and follow-on formulae in its legal version.

### Natraceutical Group S.A.

Since 2005 we have been a proud member of the Natraceutical Group S.A., a leading enterprise in the research and development of active principles and 100% natural functional ingredients, for the food, cosmetics and nutraceutical sectors.

[www.natraceuticalgroup.com](http://www.natraceuticalgroup.com)

### Accreditation and certification

In addition to routine audits by food manufacturers from around the world, we are proudly accredited and certified by the following authorities and institutes:

SQS (Swiss Association of Quality and Management Systems), Zollikofen, Switzerland

- Quality management system according ISO 9001:2000
- Food safety standard according BRC (British Retail Consortium)

IMO (Institute for Market Ecology), Weinfelden, Switzerland

- Swiss-Organic-Legislation
- EC-Organic-Legislation
- USA-Organic-Legislation

OK (Kosher Certification), New York, USA

- Kosher requirements for fruit- and vegetable powder production

IRG (Rabbinat of the Israelite Religious Society), Zurich, Switzerland

- Kosher requirements for pectin production

Islamic Food Council of Europe, Brussels, Belgium

- Halal requirements according Islamic law for fruit and vegetable powder production as well as pectin production

SAS (Swiss Accreditation Service), Bern, Switzerland

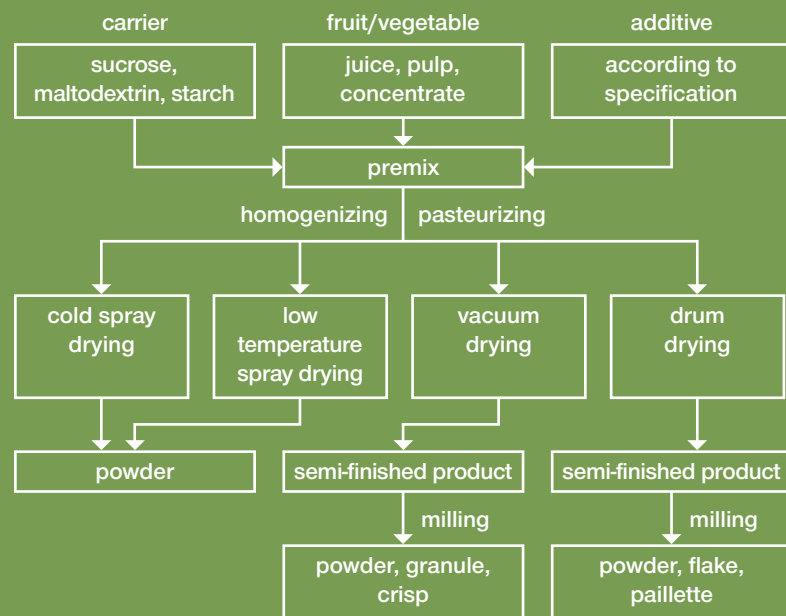
- Laboratory accreditation according ISO 17025

All products by Obipektin AG are produced based on a defined HACCP Concept (Hazard Analysis and Critical Control Point).

Obipektin AG meets all requirements to sell its products in accordance with GMP (Good Manufacturing Practice) and is constantly supervised by the official Swiss food inspectors.

We also carry out our own routine and random audits on our raw material suppliers from around the world to ensure consistent high quality and full traceability is maintained within our supply chain.

# production and forms



## Available forms

Shape	Spray drying	Vacuum drying	Drum drying
powder	•	•	•
granule		•	
crisp		•	
flake			•
paillette (soft flake)			•

## Available mesh and particle sizes

Sieve sizes of vacuum and drum dried products*			Technical details
Obipektin Sieve No.	Mesh size (mm)	US-mesh	
1	7.0	1	<ul style="list-style-type: none"> <li>the sizes are average specified values. The upper bound of particle size is limited. Its distribution varies depending of the product and its drying process</li> <li>all samples will be sent in standard mesh-sizes unless specified</li> <li>particle-size for the spray dried products: max 5% &gt; 0.5mm</li> </ul>
4	5.1	4	
6	3.2	6	
8	2.4	8	
12	1.4	14	

\*For standard-sieve per product, please see corresponding tables.

## Storage conditions

As caking is an effect of temperature, keeping the powder cool is of prime importance. Fruit-powder should always kept below 18°C, optimum storage is between 4–10°C (max. 60%rh). When taking the fruit-powder out of a cooled storage, care has to be taken not to open the blue plastic bag until the powder is at conditioned-temperature again – otherwise condensation of water will increase caking. Due to increased risk of condensation, freezing of fruit-powders is not recommended.

## Products in organic and customized baby food quality

We can provide the fruit and vegetable powder in customized baby food or in organic quality. Since the supply of these raw materials can be limited, their availability may occasionally be restricted. To avoid any disappointment, please order at an early stage or submit a contract-based order.



## Shelf life

24 months upon delivery in original tightly closed package and kept under climate controlled conditions.





English 	Page		Page
Acerola	14, 28, 32	Mango	18
Apple	14	Melon	18
Apple organic	32	Morello cherry	16
Apple vinegar	28	Mushroom	26
Apricot	14	Orange	12
Apricot organic	32	Orange organic	32
Banana	18	Papaya	20
Banana organic	32	Passionfruit	20
Berry mix	22	Peach	16
Blackcurrant	22	Pear	16
Blackberry	22	Pear organic	32
Blood orange	10	Peppermint	30
Blueberry	22	Pineapple	20
Cacao	28	Pineapple organic	32
Caramel	28	Plum	16
Carrot	26	Pomegranate	20
Carrot organic	32	Pumpkin	26
Celery	26	Raisin	30
Coconut	28	Raspberry	24
Cranberry	22	Red beet	26
Date	28	Red beet organic	32
Elderberry	22	Redcurrant	24
Enocianin	28	Red grape	30
Fig	28	Red wine	30
Foxberry	22	Rhubarb	26, 30
Fruit mix	28	Rose hip	30
Grapefruit	10	Savoy cabbage	26
Grapefruit rosé	10	Strawberry	24
Green tea	28	Sweet corn	26
Guava	18	Tangerine	12
Honey	30	Tomato	26
Kiwi	18	Tomato organic	32
Lemon	10	Tropical fruit	20
Lime	12	White grape	30
		White wine	30

German 	Page		Page	French 	Page		Page
Acerola	14, 28, 32	Kiwi	18	Acerola	14, 28, 32	Kiwi	18
Ananas	20	Kokosnuss	28			Limette	12
Ananas bio	32	Kürbis	26			Maïs doux	26
Apfel	14	Limette	12	Airelle rouge	22	Mandarine	12
Apfel bio	32	Mandarine	12	Ananas	20	Mangue	18
Apfelessig	28	Mango	18	Ananas bio	32	Mélange de fruits	28
Aprikose	14	Melone	18	Apricot	14	Melon	18
Aprikose bio	32	Orange	12	Apricot bio	32	Menthe poivrée	30
Banane	18	Orange bio	32	Banane	18	Miel	30
Banane bio	32	Papaya	20	Banane bio	32	Mixe baies rouges	22
Beerenmix	22	Passionsfrucht	20	Betterave rouge	26	Mûre	22
Birne	16	Pfefferminze	30	Betterave rouge bio	32	Myrtille	22
Birne bio	32	Pfirsich	16	Cacao	28	Noix de coco	28
Blutorange	10	Pilze	26	Caramel	28	Orange	12
Brombeere	22	Preiselbeere	22	Carotte	26	Orange bio	32
Cranberry	22	Rhabarber	26, 30	Carotte bio	32	Orange sanguine	10
Dattel	28	Rosine	30	Cassis	22	Papaye	20
Enocianin	28	Rote Bete	26	Célerie	26	Pêche	16
Erdbeere	24	Rote Bete bio	32	Champignon	26	Poire	16
Feige	28	Rote Johannisbeere	24	Choux blanc	26	Poire bio	32
Früchtemix	28	Rote Traube	30	Citron	10	Pomme	14
Granatapfel	20	Rotwein	30	Citrouille	26	Pomme bio	32
Grapefruit	10	Sauerkirsche	16	Cranberry	22	Pomme granade	20
Grapefruit rosa	10	Schwarze	28	Cynorrhodon	30	Pruneaux	16
Grüntee	28	Johannisbeere	22	Datte	28	Raisin	30
Guave	18	Sellerie	26	Enocianin	28	Raisin blanc	30
Hagebutte	30	Süssmais	26	Figue	28	Raisin rouge	30
Heidelbeere	22	Tomate	26	Fraise	24	Rhubarbe	26, 30
Himbeere	24	Tomate bio	32	Framboise	24	Sureau	22
Holunder	22	Tropische Früchte	20	Fruit de passion	20	Thé vert	28
Honig	30	Weisse Traube	30	Fruits tropicaux	20	Tomate	26
Kakao	28	Weisswein	30	Grapefruit	10	Tomate bio	32
Karamel	28	Wirsing	26	Grapefruit rosé	10	Vin blanc	30
Karotte	26	Zitrone	10	Griotte	16	Vin rouge	30
Karotte bio	32	Zwetschge	16	Groseille	24	Vinaigre de pomme	28
				Guave	18		

# citrus fruits

Product name and code	Cold spray drying	Low temperature spray drying	Vacuum drying	Drum drying	Fruit/vegetable solids content (%)	Added maltodextrin (%)	Added glucose syrup (%)	Added sucrose (%)	Added corn starch (%)	Added citric acid (%)	Reinforced by flavours	Other ingredients (%)	Standard sieve size	1kg powder contains approx. (kg)	Produced from roughly xxx fresh fruits
<b>Blood orange   Naranja sanguina   Blutorange   Orange sanguine   Красный апельсин   雪橙</b>															
120-P		•			20		69			9	natural	<2		1.9 juice	16
220-A			•		20 (a)			70		10	natural		12	1.8 juice	16
260-Q			•		60 (b)			40					4	5.5 juice	47
365				•	65			8	27				1+12	5.9 juice	51
a) 19 blood orange / 1 red beet b) 59 blood orange / 1 red beet															
<b>Grapefruit   Pomelo   Грейпфрут   柚子</b>															
130-M		•			30	70								2.7 juice	16
<b>Grapefruit rosé   Grapefruit rosa   Grapefruit rosé   Розовый грейпфрут   粉红西柚(葡萄柚)</b>															
130-A rosé		•			30	70								2.7 juice	16
150-B rosé		•			50	50								4.5 juice	27
<b>Lemon   Limon   Zitrone   Citron   Лемон   柠檬</b>															
130-AL		•			30	70								3.3 juice	48
150-A organic		•			50 organic	50 organic								5.5 juice	80
150-BP		•			50	50								5.5 juice	80
210-BK crisp			•		10			83		1	natural	6 fructose	4	1.1 juice	16
225			•		25			75					12	2.8 juice	40
246			•		46 (a)		36	18					12	5.2 juice	74
315				•	17 (b)			47	36				1	1.8 juice	24
a) 40 lemon / 6 orange b) 13 lemon / 3 orange															

# citrus fruits

Product name and code	Cold spray drying	Low temperature spray drying	Vacuum drying	Drum drying	Fruit/vegetable solids content (%)	Added maltodextrin (%)	Added glucose syrup (%)	Added sucrose (%)	Added corn starch (%)	Added citric acid (%)	Reinforced by flavours	Other ingredients (%)	Standard sieve size	1kg powder contains approx. (kg)	Produced from roughly xxx fresh fruits
<b>Lime   Lima   Limette   Лайм   酸橙</b>															
130-A		•			30	70								2.7 juice	64
150-B		•			50	50								5.5 juice	108
228			•		28			72					12	3.1 juice	60
<b>Orange   Naranja   Апельсин   橙</b>															
135-AW		•			35	65								3.2 juice	28
150-CD		•			50	50								4.5 juice/pulp	40
200			•		100								12	9.1 juice	80
200 organic			•		100 organic								12	9.1 juice	80
210-CH crisp			•		10			89		1	natural		4	0.91 juice	8
233			•		33			66		1			12	3.0 juice	26
360 organic				•	60 organic				40 organic				8	5.5 juice	48
360-CX paillettes				•	60				39			<1 soy lecithin	8	5.5 juice	48
<b>Tangerine   Mandarina   Mandarine   Мандарин   橘子</b>															
130-J		•			30	70								2.9 juice	50
150-S		•			50		50							4.8 juice	84
200			•		100								12	9.5 juice	167
220-G			•		20		80						12	1.9 juice	33
350				•	50			15	35				12	4.8 juice	84



Product name and code	Cold spray drying	Low temperature spray drying	Vacuum drying	Drum drying	Fruit/vegetable solids content (%)	Added maltodextrin (%)	Added glucose syrup (%)	Added sucrose (%)	Added corn starch (%)	Added citric acid (%)	Reinforced by flavours	Other ingredients (%)	Standard sieve size	1kg powder contains approx. (kg)	Produced from roughly xxx fresh fruits
<b>Acerola   Ацерола   巴西大櫻桃</b>															
C		•			45–60 (a)	40–55 (a)								5.0–6.7 juice	1430–2143
25-C		•			13–19	61–67						vitamin C (b)		1.4–2.1 juice	372–544
a) for vitamin C standardisation / The use of this product is, with permission of authority in charge, as conventional ingredient in certif. organ. products according to Swiss organic guidelines EEC 2092/91 permitted (CH: BWL EU: equivalent institutions)															
b) This product is vitamin C standardised: between 23%–27%															
<b>Apple   Manzana   Apfel   Pomme   Яблоко   苹果</b>															
100	•				100									9.0 pulp	54
130-Y		•			30	70								2.7 juice	16
150-Z		•			45	55								4.1 juice	27
170-B organic		•			70 organic	30 organic								6.3 pulp	38
210-AU crisp			•		10			90			natural		4	0.9 juice	5
220			•		20			80					12	1.8 juice	11
220-A			•		20			78		2	natural		12	1.8 juice	11
230-O			•		30		49					21 dextrose	12	2.7 juice	16
360-AY paillettes				•	60			4	35			<1 soy lecithin	8	5.4 pulp	32
385				•	85			8	7				12	7.7 pulp	46
395				•	95				5				12	8.6 pulp	51
395 organic				•	95 organic				5 organic				12	8.6 pulp	51
<b>Apricot   Albaricoque   Aprikose   Абрикос   杏</b>															
130-AB		•			30	70								2.4 pulp	74
150-X		•			50	50								4.0 pulp	123
210-L			•		10			88		<2	natural		12	0.8 pulp	25
335				•	35			37	28				12	2.7 pulp	86
385				•	85			6	9				12	6.8 pulp	209
385 organic				•	85 organic				15 organic				12	6.8 pulp	209



# orchard fruits

Product name and code	Cold spray drying	Low temperature spray drying	Vacuum drying	Drum drying	Fruit/vegetable solids content (%)	Added maltodextrin (%)	Added glucose syrup (%)	Added sucrose (%)	Added corn starch (%)	Added citric acid (%)	Reinforced by flavours	Other ingredients (%)	Standard sieve size	1kg powder contains approx. (kg)	Produced from roughly xxx fresh fruits
<b>Morello cherry   Guinda   Sauerkirsche   Griotte   Вишня   莫利洛黑櫻桃</b>															
130-K		•			30	70					nat. ident			2.1 juice	344
240			•		40			60					12	2.9 juice	460
348				•	48			12	37	3			12	3.4 juice	550
<b>Peach   Melocoton   Pfirsich   Pêche   Персик   桃</b>															
130-E		•			30	70								2.5 pulp	18
150-K		•			50	50								4.2 pulp	30
240			•		40			60					12	3.3 juice	24
350				•	50			15	35				1	4.2 juice	30
<b>Pear   Pera   Birne   Poire   Груша   梨</b>															
130-N		•			30	70								2.6 pulp	16
150-B organic		•			50 organic	50 organic								4.3 pulp	27
150-U		•			50	50								4.3 pulp	27
210-V crisp				•	10			90			nat. ident		4	0.87 juice	6
235				•	35			65					12	3.0 juice	18
300				•	98							2 pectin	12	8.5 pulp	53
340				•	40			31	29				12	3.5 juice/pulp	21
<b>Plum   Ciruela   Zwetschge   Pruneaux   Слива   李子</b>															
130-O		•			30	70								2.1 juice	33
240			•		40			60					12	2.8 juice	44
345				•	45 (a)			21	34				12	3.1 juice	50

a) 43 plum / 2 elderberry

# tropical fruits



Product name and code	Cold spray drying	Low temperature spray drying	Vacuum drying	Drum drying	Fruit/vegetable solids content (%)	Added maltodextrin (%)	Added glucose syrup (%)	Added sucrose (%)	Added corn starch (%)	Added citric acid (%)	Reinforced by flavours	Other ingredients (%)	Standard sieve size	1kg powder contains approx. (kg)	Produced from roughly xxx fresh fruits
<b>Banana   Banane   Банан   香蕉</b>															
150-P		•			50	50								2.3 pulp	29
170-O		•			70	29						<1 ascorbic acid		3.2 pulp	40
210-V crisp			•		10			78		<1	natural	11 fructose	6	0.45 pulp	6
214			•		14			86					12	0.6 pulp	8
250-Z			•		50		50						12	2.3 juice/pulp	28
330				•	30			40	30				12	1.4 pulp	17
360-B organic				•	60 organic				39 organic			<1 soy lecithin	8	2.7 pulp	34
360-Y paillettes				•	60				39			<1 soy lecithin	8	2.7 pulp	34
<b>Guava   Guayaba   Guave   Гуава   番石榴</b>															
130-A		•			30	70								2.6 pulp	54
<b>Kiwi   Киви   猕猴桃</b>															
140-K		•			40	60								3.3 pulp	50
240			•		40			60					12	3.3 pulp	50
<b>Mango   Mangue   Манго   芒果</b>															
130-B		•			30	70								1.9 pulp	11
150-G		•			50	50								3.2 pulp	18
240			•		40			60					12	2.6 juice	14
385				•	85			8	7				12	2.5 pulp	30
<b>Melon   Melone   Дыня   瓜</b>															
130-D		•			30	70								3.0 juice	4
245			•		45			55					12	4.5 juice	6

# tropical fruits



Product name and code	Cold spray drying	Low temperature spray drying	Vacuum drying	Drum drying	Fruit/vegetable solids content (%)	Added maltodextrin (%)	Added glucose syrup (%)	Added sucrose (%)	Added corn starch (%)	Added citric acid (%)	Reinforced by flavours	Other ingredients (%)	Standard sieve size	1kg powder contains approx. (kg)	Produced from roughly xxx fresh fruits
<b>Papaya   Papaye   Папайя   木瓜</b>															
130-E		•			30	70								3.0 pulp	14
150-F		•			50	50								5.0 pulp	23
220			•		20			80					12	2.0 plp	10
300				•	97.5							2.5 pectin	12	9.7 pulp	46
<b>Passionfruit   Fruto de la passion   Passionsfrucht   Fruit de passion   Маракуйя   西番莲</b>															
130-K		•			30	70								1.8 juice	29
150-O		•			50	50								2.9 juice	48
240			•		40			60					12	2.4 juice	40
240-G			•		40		60						12	2.4 juice	40
352				•	52			20	28				12	3.1 juice	50
<b>Pineapple   Ananas   Ананас   菠萝</b>															
130-M		•			30	70								2.4 juice/pulp	5
150-A organic		•			50 organic	50 organic								4.0 juice	9
150-S		•			50	50								4.0 juice	9
200			•		100								12	8.0 juice	16
240			•		40			60					12	3.2 juice	7
240-E			•		40			58		<2	natural		12	3.2 juice	7
360				•	60			16	24				12	4.8 juice	10
<b>Pomegranate   Granada   Granatapfel   Pomme granade   Гранат   石榴</b>															
150-A		•			50	50								4.2 juice	27
<b>Tropical fruit   Tropische Früchte   Fruits tropicaux   Тропические фрукты   热带水果</b>															
122-D		•			23 (a)	45		30		1		<1 table salt		1.4 juice/pulp	
a) banana / apricot / pineapple / orange / passionfruit / lemon / grapefruit / mango / guava															



Product name and code	Cold spray drying	Low temperature spray drying	Vacuum drying	Drum drying	Fruit/vegetable solids content (%)	Added maltodextrin (%)	Added glucose syrup (%)	Added sucrose (%)	Added corn starch (%)	Added citric acid (%)	Reinforced by flavours	Other ingredients (%)	Standard sieve size	1kg powder contains approx. (kg)	Produced from roughly xxx fresh fruits
<b>Berry mix   Beerenmix   Mixe baies rouges   Ягодная смесь   浆果混合物</b>															
125-E		•			25 (a)	55		19		<1				2.5 juice/pulp	
231-A			•		31 (b)			67		<2	natural		12	3.1 juice	
a) strawberry / blueberry / raspberry / elderberry / blackcurrant / red beet b) raspberry / strawberry / elderberry / blackberry / blueberry															
<b>Blueberry   Mirtillo   Heidelbeere   Myrtille   Черника   蓝莓</b>															
130-N		•			30	70								2.7 juice	1406
230-H			•		30			69		1	natural		12	2.7 juice	1406
250			•		50			50					12	4.5 juice	2343
360-U paillettes				•	60				39			<1 soy lecithin	8	5.5 juice	2812
<b>Blackberry   Mora   Brombeere   Mûre   Ежевика   黑莓</b>															
210-L crisp			•		10			74		1	nat. ident.	15 fructose	4	1.25 juice	291
275			•		75			25					12	9.3 juice	2180
<b>Blackcurrant   Grosella negrita   Schwarze Johannisbeere   Cassis   Черная смородина   黑加仑</b>															
130-S		•			30	70								2.3 juice	3925
150-X		•			50	50								3.8 juice	6541
200			•		100								12	7.7 juice	13082
<b>Cranberry   Клюква   蔓越莓</b>															
150-E		•			50	50								4.5 juice	988
<b>Elderberry   Saucó   Holunder   Sureau   Бузина   接骨木果</b>															
150-B		•			50	50								3.7 juice	29395
295			•		95							5 dextrose	12	7.1 juice	55849
<b>Foxberry   Arandano rojo   Preiselbeere   Airelle rouge   Брусника   狐浆果</b>															
270-C			•		70		30						12	6.4 juice	1354



Product name and code	Cold spray drying	Low temperature spray drying	Vacuum drying	Drum drying	Fruit/vegetable solids content (%)	Added maltodextrin (%)	Added glucose syrup (%)	Added sucrose (%)	Added corn starch (%)	Added citric acid (%)	Reinforced by flavours	Other ingredients (%)	Standard sieve size	1kg powder contains approx. (kg)	Produced from roughly xxx fresh fruits
<b>Raspberry   Frambuesa   Himbeere   Framboise   Малина   树莓</b>															
130-U		•			30	70								2.7 juice	682
150-AL		•			50	50								4.5 juice	1137
225-L			•		25			72		3	natural		12	2.3 juice/pulp	568
250			•		50			50					12	4.5 juice	1137
<b>Redcurrant   Grosella roja   Rote Johannisbeere   Groseille   Красная смородина   红醋栗</b>															
240			•		40			60					12	3.3 juice	11338
<b>Strawberry   Fresa   Erdbeere   Fraise   Клубника   草莓</b>															
130-BG		•			30		70							3.8 pulp	645
150-BL		•			50	50								6.2 pulp	1074
215-N			•		15 (a)			81		<4	natural		12	1.9 juice/pulp	322
240			•		40			60					12	5.0 juice	860
310-BW				•	10 (a)			69	20			<1 SiO2	8	1.3 juice/pulp	859
335				•	35			45	20				12	4.4 pulp	215
360-BK paillettes				•	60				39			<1 soy lecithin	8	7.5 pulp	752
385				•	85				15				12	10.6 pulp	1826
385 with pips				•	68				12			20 pips	12	8.5 pulp	1826

a) strawberry / red beet

## Elderberry smoothie

### Ingredients

Elderberry 295, sieve 12, 7gr

Apple 100, 6gr

Strawberry 335, sieve 12, 5gr

Raspberry 250, sieve 12, 5gr

Foxberry 270-C, sieve 12, 3gr

### To prepare

Pour the ingredients and 250ml cold water into shaker, shake vigorously and your healthy drink will give you enough power for the challenging day.





Product name and code	Cold spray drying	Low temperature spray drying	Vacuum drying	Drum drying	Fruit/vegetable solids content (%)	Added maltodextrin (%)	Added glucose syrup (%)	Added sucrose (%)	Added corn starch (%)	Added citric acid (%)	Reinforced by flavours	Other ingredients (%)	Standard sieve size	1kg powder contains approx. (kg)	Produced from roughly xxx fresh fruits
<b>Carrot   Zanahoria   Karotte   Carotte   Морковь   胡萝卜</b>															
100	•				100									12.5 juice/pulp	253
100 organic	•				100 organic									12.5 juice/pulp	253
180-L	•				80	20								10.0 juice/pulp	202
200			•		100								12	12.5 juice	253
200 organic			•		100 organic								12	12.5 juice	253
339				•	39			39	22				12	4.9 juice/pulp	99
360-G paillettes				•	60				39			<1 soy lecithin	8	7.5 juice	152
<b>Celery   Apio   Sellerie   Célerie   Сельдерей   芹菜</b>															
150-A		•			50	50								6.7 juice	23
<b>Sweet corn   Maíz dulce   Süßmais   Maïs doux   Кукуруза   玉米</b>															
300				•	100								12	1.13 sweet corn	13
<b>Mushroom   Callampa   Pilze   Champignon   Грибы   蘑菇</b>															
140-F		•			40	60								8.0 extract	454
<b>Pumpkin   Calabaza   Kürbis   Citrouille   Тыква   南瓜</b>															
350				•	50			25	25				12	5.5 pulp	6
360-B paillettes				•	60				39			<1 soy lecithin	8	6.7 pulp	7
<b>Red beet   Remolacha   Rote Bete   Betterave rouge   Красная свекла   甜菜</b>															
150-A		•			30-60 (a)	40-70								2.7-5.5 juice	15
150-A organic		•			50 organic	50 organic								4.5 juice	15
200			•		100								12	9.1 juice	29
200 organic			•		100 organic								12	9.1 juice	29
a) standardized betanin content															
<b>Rhubarb   Ruibarbo   Rhabarber   Rhubarbe   Ревень   大黄</b>															
210-F crisp			•		10	80						10 fructose	6	1.7 juice	14
<b>Savoy cabbage   Col rizada   Wirsing   Choux blanc   Савойская капуста   卷心菜</b>															
170-A		•			65	35								8.1 juice	12
<b>Tomato   Tomate   Помидор   番茄</b>															
707 072	•				100									20.0 pulp	188
707 organic	•				100 organic									20.0 pulp	188
404 042		•			99							1 SiO2		19.8 pulp	186
360-E paillettes				•	60				39			<1 soy lecithin	8	12.0 pulp	113
375-H				•	75			20				5 waxy rice starch	4	15.0 pulp	141
397				•	97							3 pectin	12	19.4 pulp	182

# specialities and creative combinations



Product name and code	Cold spray drying	Low temperature spray drying	Vacuum drying	Drum drying	Fruit/vegetable solids content (%)	Added maltodextrin (%)	Added glucose syrup (%)	Added sucrose (%)	Added corn starch (%)	Added citric acid (%)	Reinforced by flavours	Other ingredients (%)	Standard sieve size	1kg powder contains approx. (kg)	Produced from roughly xxx fresh fruits
<b>Acerola   Ацерола   巴西大櫻桃</b>															
C		•			45–60 (a)	40–55 (a)								5.0–6.7 juice	1430–2143
25-C		•			13–19	61–67						vitamin C (b)		1.4–2.1 juice	372–544
a) for vitamin C standardisation / The use of this product is, with permission of authority in charge, as conventional ingredient in certif. organ. products according to Swiss organic guidelines EEC 2092/91 permitted (CH: BWL EU: equivalent institutions)															
b) This product is vitamin C standardised: between 23%–27%															
<b>Apple vinegar   Apfelessig   Vinaigre de pommes   Яблочный уксус   苹果醋</b>															
220			•		20		80						12	5.3 vinegar	
<b>Cacao   Kakao   Какао   可可豆</b>															
220-A crisp			•		20			80					6	0.2 powder	
<b>Caramel   Карамель   焦糖粉</b>															
220-E crisp			•		20			73			nat. ident.	7 fructose	12	0.25 caramel syrup	
<b>Coconut   Kokosnuss   Noix de coco   Кокос   椰子</b>															
220-C crisp			•		17	<2		61				19 fructose 1 natriumcaseinat	4	0.2 powder	0.5
<b>Date   Dátil   Dattel   Datte   Финик   枣椰子</b>															
355				•	55			10	35			natural (a)	12	0.71 paste	117
a) caramel sugar syrup															
<b>Enocianin   Эноцианин   花色素类</b>															
A		•			40–70	30–60								5.0–7.0 extract	
<b>Fig   Higo   Feige   Figue   Фига   无花果</b>															
225			•		25			75					12	0.33 paste	7
375				•	75		8		17				12	1.0 paste	20
<b>Fruit mix   Früchtemix   Mélange de fruits   Фруктовая смесь   水果混合物</b>															
126-AC		•			27 (a)	48	25							2.2 pulp/juice	
137-A		•			37 (b)	49		14						3.2 pulp/juice	
351-AL				•	51 (c)			16	33				12	4.2 pulp/juice	
a) apricot / pear / peach / orange / pineapple / apple															
b) apple / orange / banana / pineapple / lemon															
c) pear / plum / apple / elderberry															
<b>Green tea   Té verde   Grüntee   Thé vert   Зеленый чай   绿茶提取物</b>															
200-D			•		100								12	2.0 tea extract	

# specialities and creative combinations



Product name and code	Cold spray drying	Low temperature spray drying	Vacuum drying	Drum drying	Fruit/vegetable solids content (%)	Added maltodextrin (%)	Added glucose syrup (%)	Added sucrose (%)	Added corn starch (%)	Added citric acid (%)	Reinforced by flavours	Other ingredients (%)	Standard sieve size	1kg powder contains approx. (kg)	Produced from roughly xxx fresh fruits
<b>Honey   Honig   Miel   Мед   蜂蜜</b>															
150-L		•			45	55								0.56 honey	
275 crisp			•		75							25 skimmed milk	4	0.94 honey	
280			•		80							20 skimmed milk	12	1.0 honey	
280-O			•		80		20						12	1.0 honey	
<b>Peppermint   Hierbabuena   Pfefferminz   Menthe poivrée   Перечная мята   薄荷油</b>															
201-A crisp			•					100			natural		4		
<b>Raisin   Rosine   Résine   Изюм   葡萄干</b>															
210-C crisp			•		10			77			nat.ident.	10 fructose 3 caramel sugar syrup	6	1.2 paste	41
<b>Red grape   Uva roja   Rote Traube   Raisin rouge   Красный виноград   红葡萄</b>															
130-B		•			30	70								1.8 juice	263
<b>Red wine   Rotwein   Vin rouge   Красное вино   红葡萄酒</b>															
130-K		•			30	70								12.0 wine	
210			•		10		90						12	4.0 wine	
210-B			•		10		86				natural	2 tartaric acid 2 red beet	12	4.0 wine	
<b>Rhubarb   Ruibarbo   Rhabarber   Rhabarbe   Ревень   大黄</b>															
210-F crisp			•		10	80						10 fructose	6	1.7 juice	14
<b>Rose hip   Escaramujo   Hagebutte   Суноррхдон   Шиповник   野玫瑰果</b>															
200			•		100								12	4.8 juice	763
<b>White grape   Uva blanca   Weisse Traube   Raisin blanc   Белый виноград   白葡萄</b>															
150-B		•			50	50								2.9 juice	438
<b>White wine   Weisswein   Vin blanc   Белое вино   白葡萄酒</b>															
210			•		10		90						12	4.0 wine	
210-A			•		10		90				natural		12	4.0 wine	



# organic products

Product name and code	Cold spray drying	Low temperature spray drying	Vacuum drying	Drum drying	Fruit/vegetable solids content (%)	Added maltodextrin (%)	Added glucose syrup (%)	Added sucrose (%)	Added corn starch (%)	Added citric acid (%)	Reinforced by flavours	Other ingredients (%)	Standard sieve size	1kg powder contains approx. (kg)	Produced from roughly xxx fresh fruits
<b>Acerola   Ацерола   巴西大櫻桃</b>															
C		•			45–60 (a)	40–55 (a)								5.0–6.7 juice	1430–2143
a) for vitamin C standardisation / The use of this product is, with permission of authority in charge, as conventional ingredient in certif. organ. products according to Swiss organic guidelines EEC 2092/91 permitted (CH: BWL EU: equivalent institutions)															
<b>Apple   Manzana   Apfel   Pomme   Яблоко   苹果</b>															
170-B organic		•			70 organic	30 organic								6.3 pulp	38
395 organic				•	95 organic				5 organic				12	8.6 pulp	51
<b>Apricot   Albaricoque   Aprikose   Абрикос   杏</b>															
385 organic				•	85 organic				15 organic				12	6.8 pulp	208
<b>Banana   Banane   Банан   香蕉</b>															
360-B organic				•	60 organic				39 organic			<1 soy lecithin	8	2.7 pulp	34
<b>Lemon   Limon   Zitronen   Citron   Лемон   柠檬</b>															
150-A organic		•			50 organic	50 organic								5.5 juice	80
<b>Orange   Naranja   Апельсин   橙</b>															
200 organic				•	100 organic								12	9.1 juice	79
360 organic				•	60 organic				40 organic				8	5.5 juice	48
<b>Pear   Pera   Birne   Poire   Груша   梨</b>															
150-B organic		•			50 organic	50 organic								4.3 pulp	27
<b>Pineapple   Ananas   Ананас   菠萝</b>															
150-A organic		•			50 organic	50 organic								4.0 juice	8
<b>Carrot   Zanahoria   Karotte   Carotte   Морковь   胡萝卜</b>															
100 organic		•			100 organic									12.5 juice/pulp	253
200 organic				•	100 organic								12	12.5 juice	253
<b>Red beet   Remolacha   Rote Bete   Betterave rouge   Красная свекла   甜菜</b>															
150-A organic		•			50 organic	50 organic								4.5 juice	15
200 organic				•	100 organic								12	9.1 juice	29
<b>Tomato   Tomate   Помидор   番茄</b>															
707 organic		•			100 organic									20.0 pulp	188

Since the supply of these raw materials can be limited, their availability may occasionally be restricted. To avoid any disappointment, please order at an early stage or submit a contract-based order.



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