GBA GESELLSCHAFT FÜR BIOANALYTIK HAMBURG MBH
GESCHÄFTSBEREICH: LEBENSMITTELANALYTIK
STANDORT: HAMBURG

AKS Akkreditierung: AKS-PL-20216
Verzeichnis: www.aks-hannover.de
Staatliche Akkreditierungsstelle Hannover

GBA GESELLSCHAFT FÜR BIOANALYTIK HAMBURG MBH
Goldtschmidtstraße 5 • 21073 Hamburg

H.-G. Berner
GmbH & Co. KG
Hasenholz 10

24161 Altenholz

Hamburg, 21.10.2011

Report No. 11011038-001

Customer:	H.-G. Berner GmbH & Co. KG
Sample name:	"Cellagon *aurum*"

Biological raw material of fruit juice, vegetable juice and herbal juice basis.
With vitamines and mineral substances. Rich in iron and zinc. With sweetener. For the production of a low calorie soft drink as part of a varied and well-balanced diet.

Manufacturer:	Hans-Günter Berner GmbH & Co. KG, Hasenholz 2 und 10, 24161 Altenholz
Sample entry:	08.09.2011
Quantity:	2 Bottles à 500 ml
Appearance:	orange-brown liquid
Packing:	Original clear glass bottles
Best before:	09.2012
Charge:	13971

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USt.-Ident-Nr.: DE 118 554 138
St.-Nr.: 47/723/00196
Sitz der Gesellschaft: Hamburg
Handelsregister:
Hamburg HRB 42774

Geschäftsführer:
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DAkkS Deutsche Akkreditierungsstelle D-PL-14170-01-00

Description:

Biological raw material of fruit juice, vegetable juice and herbal juice basis.
With vitamines and mineral substances. Rich in iron and zinc. With sweetener. For the production of a low calorie soft drink as part of a varied and well-balanced diet.

100 ml concentrate is produced i.a. from 195 ml fruit juice plus 156 ml vegetables and herbs.
10 ml concentrate + 120 ml water = 130 ml finished beverage correspond to 15% of fruit juice and 12% extracts of vegetables and herbs.

Without addition of sugar (contains naturally occurring sugars)
Without addition of preservatives
Free from lactose and gluten

Liquid concentrate 1+12
Content 500 ml

Charge: 13971
Best before: 09.2012
Bottle-No.: 2156, 2219

Findings: 3 pages appendix

Declaration:

Nutritional information (average)		**in 100 ml prepared beverage 1 + 12**	**Prepared beverage per portion = 260 ml**	**% Recommended daily intake**
Energy	kJ / kcal	40 / 10	104 / 26	
Protein	g	0,23	0,6	
Carbohydrates	g	1,85	4,8	
Sugars	g	1,15	3,0	
Fat	g	0,19	0,49	
Fatty acids, saturated	g	0,04	0,1	
Fatty acids, polysaturated	g	0,12	0,3	
Fibres	g	0,8	2,0	
Sodium	g	0,003	0,008	
BU		0,15	0,39	
Vitamines				
Vitamin C	mg	46	120	150
Vitamin E	mg	6,9	18	150
Niacin	mg	4,6	12	75
Pantothenic acid	mg	3,5	9	150
Vitamin B6	mg	0,81	2,1	150
Vitamin B2	mg	0,81	2,1	150
Vitamin B1	mg	0,65	1,7	150
Folic acid	µg	77	200	100
Biotin	µg	29	75	150
Vitamin B 12	µg	1,5	3,8	150
Minerals				
Iron	mg	1,6	4,2	30
Magnesium	mg	22	56	15
Zinc	mg	1,2	3,0	30
Manganese	mg	0,12	0,30	15
Copper	mg	0,06	0,15	15
Selenium	µg	3,2	8,3	15
Chromium	µg	2,3	6,0	15
Molybdenum	µg	2,9	7,5	15

Results:

Parameter	Unit	in 100 ml Concentrate	in 100 ml prepared beverage 1+12	prepared beverage per portion 260 ml
Fat, total	g	2,7	0,2	0,5
Fatty acids, saturated	g	0,5	0,04	0,1
Fatty acids, polysaturated	g	1,5	0,11	0,3
Protein	g	3,6	0,3	0,7
Sucrose	g	5,3	0,4	1,1
Glucose	g	4,9	0,4	1,0
Fructose	g	9,4	0,7	1,9
Lactose	g	<0,5	<0,1	<0,2
Fibres incl. Oligofructose	g	15	1,2	3,1
Carbohydrates (total, calculated)	g	26	2,0	5,2
Sugars	g	20	1,5	3,9
Sodium (Na)	g	0,03	0,002	0,006
Energy value	kJ	799	61	160
Energy value	kcal	191	15	38
Bread units	BE	2,2	0,2	0,4
Vitamin C	mg	797	61	159
Vitamin E	mg	96	7,4	19
Niacin	mg	66	5,1	13
Pantothenic acid	mg	51	3,9	10
Vitamin B6	mg	13	1,0	2,7
Vitamin B2	mg	12	0,9	2,4
Vitamin B1	mg	9,8	0,8	2,0
Folic acid	µg	1409	108	282
Biotin	µg	447	34	89
Vitamin B 12	µg	28	2,1	5,5
Calcium (Ca)	mg	174	13	35
Chromium (Cr)	µg	39	3,0	7,8
Iron (Fe)	mg	23	1,8	4,6
Potassium (K)	mg	544	42	109
Copper (Cu)	mg	0,85	0,07	0,17
Magnesium (Mg)	mg	328	25	66
Manganese (Mn)	mg	3,2	0,2	0,6
Molybdenum (Mo)	µg	45	3,5	9,0
Phosphorus, total (P)	mg	97	7,5	19
Sulphur, total (S)	mg	72	5,5	14
Zinc (Zn)	mg	16	1,2	3,2
Selenium (Se)	µg	39	3,0	7,8
Arsenic (As)	mg	n.d.		
Lead (Pb)	mg	n.d.		
Cadmium (Cd)	mg	n.d.		
Mercury (Hg)	mg	n.d.		

Parameter	Unit	in 100 ml Concentrate	in 100 ml prepared beverage 1+12	prepared beverage per portion 260 ml
Organochlorine pesticides	mg	n.d.		
Organophosphorus pesticides	mg	n.d.		
Organonitrogene pesticides	mg	n.d.		
Gluten	mg	n.d.		
Total plate count	g	n.d.		
Moulds	g	n.d.		
Yeasts	g	n.d.		

n.d. = not detectable

Assessment:

The presented sample "Cellagon aurum" is of unobjectionable quality:

- The product is free of microorganisms;

- Gluten and Lactose are not detectable;

- Residues of pesticides are not detectable;

- Toxic heavy metals are not detectable;

- The determined amounts of ingredients are in good agreement with the declared values.