



دانشگاه علوم پزشکی و خدمات
بهداشتی - درمانی استان قزوین
معاونت غذا و دارو

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ریاست محترم سازمان نظام پزشکی قزوین
معاونت محترم درمان دانشگاه علوم پزشکی قزوین
معاونت محترم بهداشتی دانشگاه علوم پزشکی قزوین
ریاست محترم مرکز آموزشی درمانی کودکان قدس

با سلام و احترام

نظر به نامه شماره ۶۶۵/۹۱۲۴۰ مورخ ۱۳۹۹/۰۹/۳۰ سرپرست محترم اداره کل امور فرآورده های طبیعی، سنتی و مکمل و به منظور دسترسی بیماران allergy رده سنی **زیر یک سال** به فرآورده های جایگزین، به استحضار می رساند شیر خشک رژیمی **COMIDAGEN 400 G** به عنوان فرآورده جدید مورد مصرف بیماری فوق در فهرست فرآورده های قابل تجویز سامانه حامی جهت صدور نسخه الکترونیک در دسترسی قرار دارد. لذا خواهشمند است دستور فرمایید موضوع به پزشکان محترم مربوط اطلاع رسانی گردد

دکتر پیمان قجریگی
معاون غذا و دارو

IFDA



Food for special medical purposes



Comidagen

hypoallergenic amino
acid-based formula

- ✓ 100% free amino acids
- ✓ Nutritionally complete
- ✓ Lactose free
- ✓ Contains Nucleotides
- ✓ Contains DHA & AA
- ✓ Optimal Vitamin D*
- ✓ Optimal Calcium**

*1.3ug/100ml: 780ml meets EFSA daily recommendation for infants (10ug/day)¹

**64mg/100ml: 450ml meets EFSA daily recommendation for infants (280mg/day)¹

Nutrition facts		per 100 g	per 100 ml *
Energy	kJ / kcal	2045/489	266/64
Fats, of which	g	25	3,2
saturated fatty acids	g	9,8	1,3
monounsaturated fatty acids	g	11	1,5
polyunsaturated fatty acids	g	3,7	0,5
arachidonic acid	mg	80	10
docosahexaenoic acid	mg	45	5,85
Carbohydrates, of which	g	53	6,8
Sugars	g	3,7	0,5
Lactose	g	0	0
Maltodextrin	g	49	6,3
Protein equivalent **	g	14	1,8
Amino acids	g	16	2,1
Salt	g	0,32	0,04
** Conversion: 1 g Protein = 1,2 g Amino acids = 17 kJ = 4 kcal			

▲ **Ingredients:** Maltodextrin, vegetable oils (Palm oil, rapeseed oil, Palm kernel oil, sunflower oil), L-Lysine-L-Glutamate, Emulsifier E 472c, L-Proline, L-Leucine, L-Arginine-L-Aspartate, tri-Calcium phosphate, Potassium-L-Glutamate, L-Valine, L-Isoleucine, Magnesium-L-Aspartate, L-Serine, L-Alanine, L-Threonine, Glycine, L-Tyrosine, L-Phenylalanine, L-Glutamine, L-Histidine, tri-Potassium citrate, Sodium chloride, L-Cystine, Potassium chloride, L-Tryptophan, L-Methionine, L-Lysine-L-Aspartate, Oil from *Mortierella alpina*, Choline bitartrate, di-Calcium phosphate, DHA and EPA-rich oil from the microalgae *Schizochytrium sp.*, Vitamins (A, D, E, K, C, B1, B2, Niacin, B6, Folic acid, Pantothenic acid, B12, Biotin), Inositol, L-Carnitine-L-Tartrate, Taurine, Nucleotides (AMP, CMP, GMP, IMP, UMP), Iron-II-sulfate, Potassium carbonate, Zinc sulfate, Emulsifier lecithine, Antioxidants Ascorbyl palmitate and Tocopherol-rich extract, Manganese sulfate, Copper sulfate, Potassium iodide, Sodium molybdate, Chromium-III-chloride, Sodium selenite.

▲ **Description:** **Comidagen** is a hypoallergenic, elemental infant formula based on individual L-Amino Acids (AA). Main source of carbohydrate is maltodextrin; the fat blend contains long-chain polyunsaturated fatty acids (LCPs) including Arachidonic Acid (ARA) and Docosahexaenoic Acid (DHA). **Comidagen** contains micro and macronutrients, including nucleotides, in accordance with legislation. It is designed for use from birth onwards and should be used under medical supervision for the dietary management of cow's milk allergy and/or malabsorption/maldigestion, or other conditions where an AA-based formula is indicated.

▲ **Dosage and application:** **Comidagen** is for enteral use only. It can be used as a sole source of nutrition for infants from birth to 1 year using standard solution of 13%, and as a supplement for toddlers and young children. The daily requirements depend on the age, body weight and individual medical needs of the infant. The dose should be monitored and adjusted, as indicated by a clinician. This table should be used as a guide only. The amount of feed required should be determined by a clinician or dietitian for each individual child.

Age of child	Average weight (boys & girls)	Approx. feeds / 24 hours	To prepare feed (use cooled boiled water)		Approx. volume of reconstituted feed	Energy provided (reconstituted feed)
			Water (ml)	Scoops*		
Months	kg	Number	Water (ml)	Scoops*	ml	Kcal
Birth	~3.5kg	6-7	90	3	100	64
1 to 3	4.4-5.5kg	5-6	120	4	130	83
4 to 6	6.5-7.5kg	4-5	180	6	200	128
7 to 9	7.9-8.5kg	3-4	210	7	230	147
10 to 12	8.9-9.5kg	2-3	240	8	260	166

*Scoops should be levelled. 1 scoop = 4.3g of powder

Minerals, Trace elements, Vitamins		per 100 g	per 100 ml *
Minerals			
Sodium	g	0,13	0,02
Potassium	mg	519	67
Chloride	mg	337	44
Calcium	mg	496	64
Phosphorus	mg	267	35
Magnesium	mg	63	8,2
Iron	mg	6,1	0,8
Trace elements			
Zinc	mg	5,3	0,7
Copper	mg	0,4	0,05
Iodine	µg	84	11
Chromium	µg	10	1,3
Manganese	mg	0,4	0,05
Molybdenum	µg	25	3,2
Selenium	µg	15	1,9
Vitamins			
Vitamin A (RE)	µg	801	104
Vitamin D	µg	10	1,3
Vitamin E (α-TE)	mg	9,0	1,2
Vitamin K	µg	22	2,9
Vitamin C	mg	80	10
Vitamin B1	mg	0,4	0,1
Vitamin B2	mg	0,9	0,1
Niacin	mg	5,4	0,7
Vitamin B6	mg	0,5	0,1
Folate (DFE)	µg	105	14
Pantothenic acid	mg	3,6	0,5
Vitamin B12	µg	1,2	0,2
Biotin	µg	12	1,6
L-Carnitine	mg	26	3,4
Choline	mg	69	9,0
Inositol	mg	46	6,0
Taurine	mg	36	4,6
Energy relation			
Protein		11 %	
Carbohydrates		43 %	
Fat		46 %	
Osmolality	mOsmol/kg	320 - 330	
Osmolarity	mOsmol/l	290 - 300	
Renal solute load	mOsmol/l	107	
* standard dilution: 13,0 g + 90 ml water			



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