

Certificate of Analysis

Product	Diben 1,5 KCAL HP	
Batch	28TKA420	Article 7492221
Date of manufacture		08. Oct. 2024
Use before end		Oct. 2025
Container	500 ml EasyBag	
Filling volume	500 ml	
Visual assessment	Conform	
Odour	Neutral, protein like possible	
Appearance	Beige emulsion	

Parameter	Unit	Expected result	Test result
pH			6.8
Density	g/ccm		1.080
Caloric value	kcal/100ml	150	151
Total fat	g/100ml	7.0	7.2
of which saturated fatty acids ¹⁾	g/100ml	1.8	2.1
of which MCT ¹⁾	g/100ml	1.20	1.28
of which monounsaturated fatty acids ¹⁾	g/100ml	3.68	3.73
of which polyunsaturated fatty acids ¹⁾	g/100ml	1.50	1.38
of which EPA + DHA	g/100ml	0.23	0.24
		¹⁾ as triglycerides	
Carbohydrates	g/100ml	13.1	11.7
of which sugars	g/100ml	7.0	5.6
of which fructose	g/100ml	1.50	1.30
of which lactose	g/100ml	≤ 0.5	0.3
of which isomaltulose	g/100ml	5.0	4.0
of which starch	g/100ml	2.7	4.9
		includes Maltodextrin	
Fibre	g/100ml	2.3	3.7
			accepted
Protein	g/100ml	7.5	7.8
Salt (Na x 2.5)	g/100ml	0.14	0.14
Water content	ml/100 ml	76	77
Osmolarity	mosmol/l	440	427
Osmolality	mosmol/kg	580	557

Parameter	Unit	Expected result	Test result
Minerals and trace elements			
Sodium	mg/100ml	55.0	54.0
Potassium	mg/100ml	180	169
Chloride	mg/100ml	85.0	88.6
Calcium	mg/100ml	155	143
Magnesium	mg/100ml	30.0	27.7
Phosphorus	mg/100ml	110	116
Iron	mg/100ml	2.0	2.2

Parameter	Unit	Expected result	Test result
Zinc	mg/100ml	1.8	1.7
Copper	mg/100ml	0.20	0.22
Manganese	mg/100ml	0.40	0.41
Iodine	µg/100ml	20.0	21.0
Fluoride	mg/100ml	0.20	0.26
Chromium	µg/100ml	20	24
Molybdenum	µg/100ml	15	17
Selenium	µg/100ml	10	12

Vitamins and other nutrients

Total vitamin A	µg RE/100ml	143	165
of which β-Carotene	µg RE/100ml	33	38
Vitamin D3	µg/100ml	2.0	2.4
Vitamin E	mg α-TE/100ml	2.3	3.2
Vitamin K1	µg/100ml	10	9
Vitamin B1	mg/100ml	0.20	0.23
Vitamin B2	mg/100ml	0.26	0.34
Niacin	mg/100ml	2.4	2.9
Niacinequivalents	mg NE/100ml	3.9	4.8
Vitamin B6	mg/100ml	0.24	0.31
Vitamin B12	µg/100ml	0.40	0.45
Pantothenic acid	mg/100ml	0.70	0.86
Biotin	µg/100ml	7.5	9.2
Folic acid	µg/100ml	40.0	53.7
Vitamin C	mg/100ml	12	27
Choline	mg/100ml	55	56

Microbiological parameters

Incubation control 30°C	conform
Incubation control 40°C	conform
microbiological control	conform

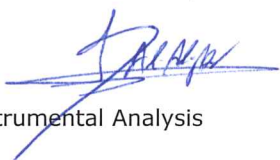
Remarks

The attached certificate, with the full analysis of a random batch, is valid as reference for release in the target site of all later batches received by a term of 1 year along with the specific reduced batch analysis. The results of the batch analysis remain within the parameters established in the specifications throughout all the shelf life of the product.

08. Jan. 2025

Quality Control Plant Emmer-Compascuum

Dr. Ali Alipour
Lab Manager Instrumental Analysis



Corne Vos
Coordinator External Analysis

