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официални преводи

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*Translation from the Bulgarian language*

**LABORATORY AND CONSULTATIVE CENTER FOR FOOD SAFETY PREVENTION AND TRAINING**

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**ESD 7.8-1**

**TEST LABORATORY "ALIMENTI"  
AT D & V CONSULT LTD**

**Accreditation certificate No 223 LI / 02.11.2018 valid until 28.04.2021, issued by the Bulgarian accreditation service executive agency according to the requirements of BDS EN ISO / IEC 17025:2006**

**TEST PROTOCOL  
No 54958 / 15.08.2019**

**1. Internal Ref. No, group and name of the product, lot No, production date**

Ref No 97711, group: bread, macaroni, pasta and snacks, sample: low-protein pasta

**2. Test applicant – name and address, Application No / Sampling Act/ Cover Letter**

Aren Ilac, Ankara, TURKEY  
FK 7.4-1 Request No. - / 08.08.2019

**3. Test method /name and number of the standards or the validated methods/**

Amino acids – alanine – VLM-IM-LC / MS-06  
Amino acids – arginine – VLM-IM-LC / MS-06  
Amino acids – aspartic acid – VLM-IM-LC / MS-06  
Amino acids – valine – VLM-IM-LC / MS-06  
Amino acids – glycine – VLM-IM-LC / MS-06  
Amino acids – glutamine – VLM-IM-LC / MS-06  
Amino acids – isoleucine – VLM-IM-LC / MS-06  
Amino acids – leucine – VLM-IM-LC / MS-06  
Amino acids – lysine – VLM-IM-LC / MS-06  
Amino acids – methionine – VLM-IM-LC / MS-06  
Amino acids – serine – VLM-IM-LC / MS-06  
Amino acids – tyrosine – VLM-IM-LC / MS-06  
Amino acids – threonine – VLM-IM-LC / MS-06  
Amino acids – phenylalanine – VLM-IM-LC / MS-06  
Amino acids – histidine – VLM-IM-LC / MS-06  
Protein content – BDS 3412:1979 point 3.9

**4. Sample type of packing and quantity**

Ref No 97711 – consumer packaging 1 x 0.570 kg

**5. Date and time of sample acceptance**

08.08.2019, 15:32 h

**6. Date/ period of testing**

08.08.2019 – 15.08.2019

**7. Samples taken by Aren Ilac**

## 8. Test results

No	INDEX	Unit	Standard/ certified methods	Sample Ref. No.	Test results (value, indetermination)	Index values and allowance	Test conditions
1	2	3	4	5	6	7	8
1	Amino acids – alanine	µg / kg	VLM-IM- LC / MS-06	97711	24 400.00	-	t=20÷25°C, humidity 35÷40%
2	Amino acids – arginine	µg / kg	VLM-IM- LC / MS-06	97711	24 324.37	-	t=20÷25°C, humidity 35÷40%
3	Amino acids – aspartic acid	µg / kg	VLM-IM- LC / MS-06	97711	24 630.75	-	t=20÷25°C, humidity 35÷40%
4	Amino acids – valine	µg / kg	VLM-IM- LC / MS-06	97711	444 817.54	-	t=20÷25°C, humidity 35÷40%
5	Amino acids – glycine	µg / kg	VLM-IM- LC / MS-06	97711	169 700.00	-	t=20÷25°C, humidity 35÷40%
6	Amino acids – glutamine	µg / kg	VLM-IM- LC / MS-06	97711	3 330.11	-	t=20÷25°C, humidity 35÷40%
7	Amino acids – isoleucine	µg / kg	VLM-IM- LC / MS-06	97711	138 737.62	-	t=20÷25°C, humidity 35÷40%
8	Amino acids – leucine	µg / kg	VLM-IM- LC / MS-06	97711	146 154.89	-	t=20÷25°C, humidity 35÷40%
9	Amino acids – lysine	µg / kg	VLM-IM- LC / MS-06	97711	42 712.08	-	t=20÷25°C, humidity 35÷40%
10	Amino acids – methionine	µg / kg	VLM-IM- LC / MS-06	97711	68 848.57	-	t=20÷25°C, humidity 35÷40%
11	Amino acids – serine	µg / kg	VLM-IM- LC / MS-06	97711	54 924.39	-	t=20÷25°C, humidity 35÷40%
12	Amino acids – tyrosine	µg / kg	VLM-IM- LC / MS-06	97711	778 339.06	-	t=20÷25°C, humidity 35÷40%
13	Amino acids – threonine	µg / kg	VLM-IM- LC / MS-06	97711	42 983.96	-	t=20÷25°C, humidity 35÷40%
14	Amino acids – phenylalanine	µg / kg	VLM-IM- LC / MS-06	97711	291 002.04	-	t=20÷25°C, humidity 35÷40%
15	Amino acids – histidine	µg / kg	VLM-IM- LC / MS-06	97711	10 352.85	-	t=20÷25°C, humidity 35÷40%
16	Protein content	% of total mass	BDS 3412:1979 point 3.9	97711	0.33	-	t=20÷25°C, humidity 35÷40%

Tests carried out by: F05, F03



NOTE I:

If necessary, the test protocol may include opinions and interpretations for certain tests (conclusions are not allowed) only in compliance with the requirements of 7.8.7. of BDS EN ISO/IEC 17025.

NOTE II:

The test results are valid only for the tested samples.

The test protocol extracts cannot be copied without the written consent of the head of the laboratory.

NOTE III:

Addition to point 2: The laboratory does not confirm the truthfulness of the information submitted by the applicant with the cover letter.

NOTE IV:

Addition to point 7: The laboratory has not conducted accredited sampling.

**Head of the Laboratory: Milena Cholakova, dipl. eng. /signature//seal/**

*I, the undersigned Todor Georgiev Georgiev, hereby certify that the above is a true and complete translation from the Bulgarian language into the English language of the attached document – a test protocol. The translation consists of three pages.*

Translator:



*Todor Georgiev Georgiev*