

Institute of Public Health in OSTRAVA
Centre of Hygienic Laboratories
Department of Hygienic Laboratories Karviná
Těreškovové 2206, 734 01 Karviná – Mizerov

AminoStar s.r.o.
Ohrazenice 188
511 01 Turnov

Our ref.
*P1037*4206/2007/4213*

Executed by, tel.
Žebroková 596397-229

Karviná:
23th March 2007

Results of the laboratory analysis:

On 5th March 2007 we received undermentioned product of the no. of dose and shelf life

NEW Carnitine Liquid with apple flavour
(LOT: 20060314; 14.3.2008)

The sample no. 4206 underwent microbiological and chemical analysis according to your requirements. The copies of the laboratory protocols are attached.

Conclusion:

On the base of the laboratory analysis it was found out that in the chemical respect the sample complies with the requirements of Regulation of the Ministry of Health No. 304/2004 Coll. as amended, by which sorts and conditions of the use of accessorial and auxiliary matters (sweeteners, synthetic dye) at the production of foodstuff are stated.

Metals content and microbiological indicators comply with the requirements of In – house specifications no. 01/2007 of firm Aminostar s.r.o.. Quality parameters were not evaluated.

The conclusion of the laboratory analysis can be applied for the other products of the the same sort only in case the products comply with the tested sample as for the composition and characteristics.

Zdravotní ústav se sídlem v Ostravě
Oddělení hygienických laboratorí Karviná
Těreškovové 2206, 734 01 Karviná-Mizerov
Telefon: 596 397 111 Fax: 596 397 777 32


RNDr. Šárka Doškářová

Head of the Department of Hygienic Laboratories Karviná
Institute of Public Health in Ostrava

Distribution list:

1. Address + copies of lab. protocols
2. ZÚ Ostrava, OHL Karviná





Institute of Public Health in Ostrava

Centre of Hygienic Laboratories

Department of Hygienic Laboratories Karviná

CAI accredited testing laboratory No. 1393.3

Těřeškovové 2206, 734 01 Karviná - Mizerov (tel.:+420 596397229, fax:+420 596397777)

TEST REPORT No. : 2990/2007 /KA

Customer : AminoStar, s. r. o.
Ohrazenice 188
511 01 Turnov

Batch No. : 1037
Order No. : D47/2007/4213
Ref. No. : 949/2007
Sample Received : 5.3.2007
Sample Analyzed : 5.3.2007 - 22.3.2007

Sample No. :	4206	Sampling date :	28.2.2007	Sampling time :	not mentioned
Sample :	NEW Carnitine Liquid with apple flavour				
Batch No. :	LOT: 20060314				
Sampling site :	AminoStar, s. r. o., Ohrazenice 188, Turnov				
Sample Type :	Foodstuff				
Sampled by :	Szurmanová				
Mode of sampling :	original package				
Purpose :	analysis				
Volume :	500 ml				
Date of consumption :	14.3.2008				
Notice :	Importer: AminoStar, s. r. o., Ohrazenice 188, Turnov				

Results - chemical analysis

(Method in column Type : "A" accredited, "N" not accredited, "SA,SN" subdeliveries accredited/not accredited, "FA1" flexible accredited type 1, "FA2" flexible accredited type 2)

Parameter	Value	Unit	Type	Method used	Uncertainty
As	<0,02	mg/kg	A	SOP 108	-
Cd	<0,02	mg/kg	A	SOP 108	-
Hg	<0,001	mg/kg	A	SOP 108	-
Pb	<0,2	mg/kg	A	SOP 108	-
proteins	5,0	g/100 ml	A	SOP 144	5%
lipids	0,1	g/100 ml	A	SOP 143	5%
saccharides	0,4	g/100 ml	A	SOP 141	5%
energy value	97	kJ/100ml	A	SOP 141	10%
acesulphame	<10,0	mg/l	A	SOP 217	-
aspartame	305	mg/l	A	SOP 217	10%
synthetic dye	E 133, E 102		A	SOP 198	-

Results - microbiological analysis

(Method in column Type : "A" accredited, "N" not accredited, "SA,SN" subdeliveries accredited/not accredited) "FA1" flexible accredited type 1)

Parameter	Value	Unit	Type	Method used	Uncertainty
Total Aerobic Mesophilic Count	<1	CFU/g (ml)	A	SOP 329	-
coagulase-positive staphylococci	<5	CFU/g (ml)	A	SOP 331	-
Escherichia coli	<1	CFU/g (ml)	A	SOP 302	-
Yeasts	<1	CFU/g (ml)	A	SOP 332	-
Moulds	1	CFU/g (ml)	A	SOP 332	<1-4
Salmonella	negative	10g	A	SOP 335	-

Notice to sampling : The sampling itself is not a subject of accreditation.

Results deal with tested samples only.

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Results relate to the object of testing and do not replace other documents.

These expanded uncertainties of measurement are obtained by multiplying of standard uncertainty of measurement by extending coefficient $k=2$ (for confidence level 95%). Uncertainty of sampling not included.
For microbiological parameters, uncertainties of measurement are obtained at the 95% confidence limit according to Poisson distribution. Uncertainty of sampling not included.

The laboratory has a flexible scope of accreditation. The laboratory may use standardized or technically equivalent and modified methods of testing in the case that the principle of measurement is kept.

Checked by (DCL): Duszková Hana, Ing.
Checked by (DHM): Onderková Alena
Completed by : Duszková Hana, Ing.
Number of pages : 2
Karviná, date : 23.3.2007




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