

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

---

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

*Our ref.*  
*P1488\*5859/2007/4213*

*Executed by, tel.*  
*Žebroková 596397-229*

*Karviná:*  
*9<sup>th</sup> May 2007*

**Results of the laboratory analysis:**

On 28<sup>th</sup> March 2007 we received undermentioned product of the no. of dose

**Nitric Oxid Expander (LOT 061103)**

The sample no. 5859 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 (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  
Odbor hygienických laboratorí Karviná  
Těřeškovové 2206, 734 01 Karviná-Mizerov  
Telefon: 596 397 229 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

Tel.: 596 397 111  
Fax: 596 397 777

Bank connection:  
ČNB Ostrava, a/n 3235761/0710

Company registration number:  
71009396





**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. : 5141/2007 /KA**

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

**Batch No. :** 1488  
**Order No. :** D47/2007/4213  
**Ref. No. :** 03693/2007  
**Sample Received :** 28.3.2007  
**Sample Analyzed :** 28.3.2007 - 7.5.2007

<b>Sample No. :</b>	<b>5859</b>	<b>Sampling date :</b>	<b>23.3.2007</b>	<b>Sampling time :</b>	<b>not mentioned</b>
<b>Sample :</b>	Nitric Oxid Expander				
<b>Batch No. :</b>	LOT 061103				
<b>Sampling site :</b>	AminoStar, s. r. o., Ohrazenice 188, Turnov				
<b>Sample Type :</b>	Foodstuff				
<b>Sampled by :</b>	Szurmanová				
<b>Mode of sampling :</b>	alternative package				
<b>Purpose :</b>	analysis				
<b>Notice :</b>	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	10%
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	49,7	g/100g	A	SOP 144	5%
lipids	2,8	g/100g	A	SOP 143	5%
saccharides	29,0	g/100g	A	SOP 141	5%
energy value	1440	kJ/100g	A	SOP 141	10%
synthetic dye	E 124, E 122, 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	<1x10 <sup>1</sup>	CFU/g (ml)	A	SOP 329	-
coagulase-positive staphylococci	<5x10 <sup>1</sup>	CFU/g (ml)	A	SOP 331	-
Escherichia coli	<1x10 <sup>1</sup>	CFU/g (ml)	A	SOP 302	-
Yeasts	<1x10 <sup>1</sup>	CFU/g (ml)	A	SOP 332	-
Moulds	<1x10 <sup>1</sup>	CFU/g (ml)	A	SOP 332	-
Salmonella	negative	10g	A	SOP 335	-

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

Results deal with tested samples only.

This Report can be reproduced only complete, its part only with the written permission of this testing laboratory.

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.

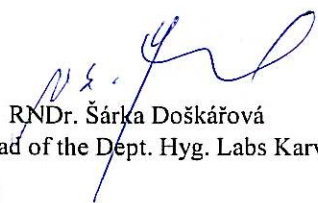
**Checked by (DHM):** Onderková Alena

**Completed by :** Duszková Hana, Ing.

**Number of pages :** 2

**Karviná, date :** 9.5.2007



  
RNDr. Šárka Doškářová  
Head of the Dept. Hyg. Labs Karviná