**State veterinary and food institute**

Jánoškova 1611/58, 026 01 Dolný Kubín
Veterinary and food institute in Košice
Testing laboratory VEHDIS
 Hlinkova 1, 043 65 Košice



phone: +42155/6330120 fax: +42155/6330193 e-mail: sekretariat@svu-ke.sk

A/N accredited method /not-accredited method

Customer:

MIRIMEX, s.r.o.
 Chlmec 149
 067 41 Chlmec

IČO: 43895123

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No. of central acceptance : **CP -3463/20**
 No. of order: 3629/20

Sample taken: 6.8.2020 9:30
 Sample has been taken by : owner

TEST REPORT

Sample : 4486Name of sample : **Refined fine alcohol - wheat**

Sampling point: 43895123 MIRIMEX, s.r.o. Chlmec 149 067 41 Chlmec

Manufacturer: 43895123 MIRIMEX, s.r.o. Chlmec 149 067 41 Chlmec

Place of sampling : manufactur

Indicating the lot: unspecified

Date of sampling: 5.8.2020

Date of manufacture : not

Date of min. consumption: unspecified

Lot of sample : unspecified

Sample weight: 2,1 l

Country of origin: Slovak republic

Determination: unspecified

Deklarated quality: unspecified

Sample was undertaken by: Adamčíková Darina

Date of the test : 6.8.2020 - 13.8.2020

TEST RESULTS

Senzory test

accredited method: SOP 83

sample

4486 Packaging - spare, glass bottle with screw cap
 Appearance - clear liquid without impurities
 Color - colorless
 Odour - typical, spirited, without foreign odors
 Taste - typical, spirited, without foreign flavors

Analytical test

sample	parameter	method	A/N	results	unit	limit	U
4486	Ethanol	STN 66 0805-19	A	96,4	% vol.	min. 96,0	1%
4486	Acetic acid	STN 66 0805-21	N	0,8	g/hl 100% etanol	max. 1,5	2%

sample	parameter	method	A/N	results	unit	limit	U
4486	Dry extract	STN 66 0805-19	N	0,00	g/hl 100% etanol	max. 1,5	4%

Chemical test

sample	parameter	method	A/N	results	unit	ML	LOQ	U
4486	Methanol	SOP 30	A	4,9500	g/hl 100% etanol	30	0,1307	15%
4486	Higher alcohols	SOP 25	A	<0,0052	g/hl 100% etanol	0,5	0,00520	
4486	Volatile bases	SOP 25	A	<0,0050	g/hl 100% etanol		0,00500	

Legend: ML	maximum level
LOQ	limit of quantification
U(k=2)	extended combined uncertainty with factor coverage 2
SOP 25	Determination of parameters by Gas chromatography - FID detector
SOP 30	Determination of parameters by Gas chromatography - FID detector
SOP 83	Sensory and visual testing
STN 66 0805-19	Determination of alcohol by pycnometry
STN 66 0805-21	Determination of total acidity
STN 66 0805-19	Determination of dry extract by gravimetry

The uncertainty is determined in accordance with applicable technical regulations. Instruments and measurement devices used for testing were calibrated and verified in accordance with valid metrology regulations. This report may be reproduced only full, in parts only with the approval of testing laboratory. The issue of copies of test report shall be kept. We control that the results relate only to the determination of the subject and they do not replace decision of the state control.

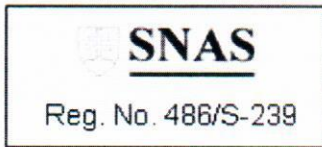
Responsible for professional page: Ing. Mariana Gubová

Protocol: 1x MIRIMEX, s.r.o. Chlmec 149 067 41 Chlmec
1x archive

Date of approval : 13.8.2020

MVDr. Gabriela Gadusová
director of VFI

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No. of central acceptance : **CP -3463/20**

Sample taken: 6.8.2020 9:30

No. of order: 3630/20

Sample has been taken by : owner

TEST REPORT**Sample : 4487**Name of sample : **Refined fine alcohol - corn**

Sampling point: 43895123 MIRIMEX, s.r.o. Chlmec 149 067 41 Chlmec

Manufacturer: 43895123 MIRIMEX, s.r.o. Chlmec 149 067 41 Chlmec

Place of sampling : manufactur

Indicating the lot: unspecified

Date of sampling: 5.8.2020

Date of manufacture : not

Date of min. consumption: unspecified

Lot of sample : unspecified

Sample weight: 2,1 l

Country of origin: Slovak republic

Determination: unspecified

Declared quality: unspecified

Sample was undertaken by: Adamčíková Darina

Date of the test : 6.8.2020 - 13.8.2020

TEST RESULTS**Senzory test**

accredited method: SOP 83

sample

4487 Packaging - spare, glass bottle with screw cap
 Appearance - clear liquid without impurities
 Color - colorless
 Odour - typical, spirited, without foreign odors
 Taste - typical, spirited, sharp, without foreign flavors

Analytical test

sample	parameter	method	A/N	results	unit	limit	U
4487	Ethanol	STN 66 0805-19	A	96,2	% vol.	min. 96,0	1%
4487	Acetic acid	STN 66 0805-21	N	0,8	g/hl 100% etanol	max. 1,5	2%

No. of order: 3630/20

sample	parameter	method	A/N	results	unit	limit	U
4487	Dry extract	STN 66 0805-19	N	0,00	g/hl 100% etanol	max. 1,5	4%

Chemical test

sample	parameter	method	A/N	results	unit	ML	LOQ	U
4487	Methanol	SOP 30	A	5,2800	g/hl 100% etanol	30	0,1307	15%
4487	Higher alcohols	SOP 25	A	<0,0052	g/hl 100% etanol	0,5	0,00520	
4487	Volatile bases	SOP 25	A	<0,0050	g/hl 100% etanol		0,00500	

Legend: ML	maximum level
LOQ	limit of quantification
U(k=2)	extended combined uncertainty with factor coverage 2
SOP 25	Determination of parameters by Gas chromatography - FID detector
SOP 30	Determination of parameters by Gas chromatography - FID detector
SOP 83	Sensory and visual testing
STN 66 0805-19	Determination of alcohol by pycnometry
STN 66 0805-21	Determination of total acidity
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