

MODENA, li 21/07/2020

Sample arrived on the 26/06/2020

Registration date 29/06/2020

TEST REPORT nr. 20F20591-In-0

CUSTOMER

GORAZD REBERSAK S.P.
Velika Piresica 26E
3310 ZALEC SLOVENIA

SAMPLE 20F20591**MATRIX: Seeds and oleaginous fruits**

Description provided by Customer: Hemp biomass Batch code:: 36901

Extranet request n° N0003/20 - 23/06/2020 13:03:51. - Sampling by: Customer - Transport by: Courier

Sample Condition on Receipt: Room temperature

ANALYSIS DESCRIPTION	RESULT	U	REC. %	UNIT OF MEASURE	LQ	LD	METHOD	ANALYSES BEGINNING DATE / ENDING DATE
MICROBIOLOGICAL RESEARCH								
Count of Enterobacteriaceae ISO 21528-2	170.000	9,8*10 ⁴ - 3,0*10 ⁵		UFC/g	10		ISO 21528-2: 2017 - inclusione	08/07/2020/ 13/07/2020
Total plate count in P.C.A. at 30°C for 72 h (ISO 4833-1)	3.800.000	2,3*10 ⁶ - 6,3*10 ⁶		UFC/g	10		ISO 4833-1:2013 - inclusione	08/07/2020/ 13/07/2020
Count of Clostridium perfringens	< LQ			UFC/g	10		06(S30) 2015 Rev. 14 - inclusione	08/07/2020/ 10/07/2020
Count of Staphylococcus (Coag+)	< LQ			UFC/g	10		06(S27) Rev.16 2016 - inclusione	08/07/2020/ 10/07/2020
Count of Staphylococcus aureus	< LQ			UFC/g	10		06(S27) Rev.16 2016 - inclusione	08/07/2020/ 10/07/2020
Detection of Listeria monocytogenes	absent			/ 25 g			06(S29) Rev.12 2014 - enrichment	08/07/2020/ 11/07/2020
Detection of Salmonella spp.	absent			/ 25 g			06(S28) Rev11 2015 - enrichment	08/07/2020/ 11/07/2020
MICROBIOLOGY - MOULDS and YEASTS								
Count of Moulds	83.000	4,4*10 ⁴ - 1,6*10 ⁵		UFC/g	10		06(S36) Rev. 14 2015 - inclusione	08/07/2020/ 13/07/2020
Count of Yeasts	<1.000			UFC/g	10		06(S36) Rev. 14 2015 - inclusione	08/07/2020/ 13/07/2020
AFLATOXINS B1, B2, G1, G2								
Aflatoxin B1	< LQ			µg/kg	0,050		03(S130) 2019 Rev.11 - LC-MS/MS	08/07/2020/ 10/07/2020
Aflatoxin B2	< LQ			µg/kg	0,050		03(S130) 2019 Rev.11 - LC-MS/MS	08/07/2020/ 10/07/2020
Aflatoxin G1	< LQ			µg/kg	0,050		03(S130) 2019 Rev.11 - LC-MS/MS	08/07/2020/ 10/07/2020
Aflatoxin G2	< LQ			µg/kg	0,050		03(S130) 2019 Rev.11 - LC-MS/MS	08/07/2020/ 10/07/2020
Aflatoxins B1, B2, G1, G2, sum	< LQ			µg/kg	0,05		03(S130) 2019 Rev.11 - LC-MS/MS	08/07/2020/ 10/07/2020

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ANALYSIS DESCRIPTION	RESULT	U	REC. %	UNIT OF MEASURE	LO	LD	METHOD	ANALYSES BEGINNING DATE / ENDING DATE
Ochratoxin A	< LQ			µg/kg	0,10		03(S130) 2019 Rev.11 - LC-MS/MS	08/07/2020 / 13/07/2020

END TEST REPORT

The original document is a PDF file with Digital Signature: 20F20591-In-0-DigitalSignature.pdf

Notes and method reference:

< LQ: = lower than Quantification Limit.

DECISIONAL RULE: Unless otherwise stated by Standards or Legal Requirements or by specific customer requests, the following rule regarding measurement uncertainty applies:

the sample is considered non-compliant in the event that the extent of exceeding the maximum permitted limit is greater than the measurement uncertainty (R-U) LM. The uncertainty reported in the Test Report is considered.

R = Result

U = extended measurement uncertainty

LM: Maximum limit

U: the reported uncertainty is the expanded uncertainty calculated using a coverage factor equal to 2 which gives a reliability of approximately 95%. For microbiological detections it is reported either the lower and the upper bounds of the confidence interval with a probability of 95% K=2 or the confidence interval itself. Please note that results expressed as '<LQ' may not indicate the absence of the searched parameters in the sample.

Results coming from microbiological tests are calculated according to the Standard ISO 7218:2007/Amd 1:2013. If the results are reported as <4 (CFU/ml) or <40 (CFU/g), this means that the microorganisms are present in the sample but in amounts less than 4 CFU/ml or 40 CFU/g respectively. unless differently reported in the single methods, in case of analytical steps foreseen in non-activity days of the laboratory, provisions from the standard ISO 7218: 2007/Amd.12013 (items 11.2 and 10.2.5) or from specific test methods are applied. In the case of quantitative microbiological tests, these have been set up on a single plate in accordance with ISO 7218:2007/Amd.1 2013 par. 10.2.2 unless otherwise explicitly required by current regulations.

LQ: Quantification Limit. It is the lowest analyte concentration which can be detected at an acceptable precision (repeatability) and accuracy, under well defined conditions.

LD: Detection Limit. It is the lowest analyte concentration which can be detected but not necessarily quantified, under well defined conditions.

Conformity evaluation: values not complying with laws, decrees, national and EU regulations or specifications supplied by the customer are evaluated case by case, also taking into consideration the uncertainty of measure for each single test and the regulations on rounding-off of values, and pointed out when considered as non conform.

Rec %: Recovery % "+" means that the recovery has been applied to the result. The numeric results between brackets (..) after the expression <LQ are purely indicative of traces that cannot be exactly quantified.

In the case of sampling carried out by Neutron, the laboratory applies the Internal Operating Procedure code: NEOT-DIR/ 006/53.

The laboratory disclaims any responsibility for the information provided by the client reported in this Report which may influence the validity of the results.

TEST REPORT VALID FOR ALL LEGAL PURPOSES (Italian R.D. 1-3-1928 n°842 (article 16), - Italian Law 19-7-1957 n°679 articles 16 and 18, Italian Ministerial Decree 25-3-1986).

DATA and SAMPLE STORAGE: Test Reports, Raw data, chromatographic paths and instrumental reports are stored for 5 years. One control sample is stored for 2 months.

Data expressed in this test report refer only to the sample tested in the laboratory. The results reported in this Test Report refer to the sample as received. The description or any other reference concerning the sample are declared by the customer. This Test Report cannot be reproduced except in full. Partial reproductions must be authorized in writing by our laboratory.

LABORATORY MANAGER: DR. ALBERTO GATTI -

Approved by Analysis Manager - laboratory LMIB: Barbara Lugli, Biologo N°AA_062797

Approved by Analysis Manager - laboratory LC-MICO

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Laboratorio Qualificato D.M. 26-2-87 Art. 4 - Legge 46/82 per la Ricerca Applicata e Innovazione Tecnologica.

Regione Emilia Romagna - AUTORIZZAZIONE Autocontrollo N° 008/MO/008

BNN-Monitoring Fruit and Vegetables Approved Laboratory

I-Monitoring EDEKA AG Fruit and Vegetables Registered Laboratory