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CUSTOMER
SUPER BOCK GROUP I&D
VIA NORTE - LEÇA DO BALIO - MATOSINHOS
4466955 APT. 1044 S. MAMEDE DE INFESTA
PORTOGALLO

MODENA, li 14/09/2020

Sample arrived on the 08/09/2020
Registration date 08/09/2020

AMENDMENT TEST REPORT n° 20M05518-In-1

It completely replaces all previous versions: 20M05518-In-0.

Amendment reason:Modification of sample description after sending of test report

SAMPLE 20M05518

MATRIX: Beer and malt beverages

Description provided by Customer: SB. ORIG. TP 0,33x6*4 TB S/GLÚTEN - L2624702

Extranet request n° N0025/20 - 04/09/2020 11:54:21. - 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
ALLERGENS WITH ELISA TECHNIQUE Gliadin - R5 Competitive (ELISA) [glir5#]	< LQ			mg/kg	5,0		07(S71) 2019 Rev.15 - E.L.I.S.A.	*08/09/2020* / 08/09/2020

END TEST REPORT

The original document is a PDF file with Digital Signature: 20M05518-In-1-DigitalSignature.pdf

Notes and method reference:
Quantification limit expressed as gluten: 10 mg / kg. Result expressed as gluten: <LQ.

< 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 espression <LQ are purely indicative of traces that cannot be exactly quantified.
In the case of sampling carried out by Neotron, 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.

NOTES OF PARAMETERS:
[glir5#]: The determination of Gliadin was carried out with a competitive E.L.I.S.A commercial kit containing R5 monoclonal antibody. The competitive immunoenzymatic assay quantifies the peptide fragments of the prolamines of wheat (gliadins), rye
(secalins) and barley (ordeins). Furthermore, gliadin can be distributed unevenly inside the product or ingredients.

Continued...

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LABORATORY MANAGER: DR. ALBERTO GATTI -

Approved by Analysis Manager - laboratory LBM-EL