

AGROLAB LUFA Dr.-Hell-Str. 6, 24107 Kiel

Date 12.12.2023
Customer no. 10083246

REPORT

Order **3350293** Order no: 2373
 Sample no. **198483**
 Sample acceptance **04.12.2023**
 Date of sampling **no information**
 Sample taker **Client**
 Customer sample description **sample 51:
 Hericium Glucan extract
 Lotnumber: HEE-G-23101601
 Ident.-Nr.: 100024**

Packaging **1x plastic bag, à 100 g**

DGHM
Reference values
Trockenpilz e
 DGHM
Warnwerte
Trockenpilz e

Unit Result Substance Method

Microbiological examinations

Aerobic mesophilic plate count (total plate count)	cfu/g	<100 (+)	1000000		OM	DIN EN ISO 4833-1 : 2022-05
Enterobacteriaceae	cfu/g	<1 (LOD)	10000	100000	OM	RAPID'Enterobacteriaceae®; AFNOR-certificate No: BRD 07/24-11/13 : 2021-10 (validated in reference to NF EN ISO 21528-2:2017-07)
Escherichia coli	cfu/g	<1 (LOD)	10	100	OM	DIN ISO 16649-2 : 2020-12
Staphylococcus, coagulase-positive	cfu/g	<10 (LOD)	100	1000	OM	DIN EN ISO 6888-1 : 2022-06
Yeasts	cfu/g	<10 (LOD)			OM	ISO 6611 : 2004-10 (mod.)
Moulds	cfu/g	<10 (LOD)	100000		OM	ISO 6611 : 2004-10 (mod.)
Presumptive Bacillus cereus	cfu/g	<10 (LOD)	100	1000	OM	AFNOR validated in reference to ISO 7932 (bioMérieux BACARA 2®, Certificate AES 10/10-07/11 : 2022-06)
Clostridium perfringens	cfu/g	<1,0 (LOD)	1000	10000	OM	DIN EN ISO 7937 : 2004-11
Salmonella spp. in 25g		not detected		not detected	OM	ISO 6579-1 : 2017-02

The sign "<..."(LOD)" or n.d. in column result means, the parameter concerned cannot be detected within the limit of detection.
 The sign "<...(+)" in column result means, the parameter concerned has been qualitatively detected between limit of detection and limit of determination.
 Parameter-specific analytical measurement uncertainties and information regarding the method of calculation will be provided upon request if the reported results are above the parameter-specific limit of quantification.

DGHM Warnwerte Trockenpilze: Warning values of the DGHM (Deutschen Gesellschaft für Hygiene und Mikrobiologie) "Published microbiological guideline and warning values for the evaluation of food" in the currently valid version.

DGHM Reference values Trockenpilze: Guideline values of the DGHM (Deutschen Gesellschaft für Hygiene und Mikrobiologie) "Published microbiological guideline and warning values for the evaluation of food" in the currently valid version.

Explanation: OM = on original matter; DM = on dry matter base

The activities reported in this document are accredited according to DIN EN ISO/IEC 17025:2018. Only not accredited activities are identified by the symbol " (*) ".

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According to the extent of the analysis the sample complies with the requirements of Warning values of the DGHM (Deutschen Gesellschaft für Hygiene und Mikrobiologie) "Published microbiological guideline and warning values for the evaluation of food" in the currently valid version..

Remark to Escherichia coli:

According to the National Footnote, these are presumptively determined β -glucuronidase-positive Escherichia coli.

Remark to Staphylococcus, coagulase-positive:

Results below 150 cfu/g are considered as estimates.

Remark to Salmonella spp.:

In the testing of Salmonella spp. according to ISO 6579-1 Salmonella Typhi and Salmonella Paratyphi are not included. These bacteria/germs are hardly found in food. If on the side of the customer there is a justified case of suspicion these two subspecies can be analysed by a PCR test, which needs to be ordered separately by the customer. In case of positive Salmonella results a confirmation of Salmonella spp. was conducted by MALDI-TOF (database BDAL/7311 MSPS).

Remarks

Marketability:

According to the type and scope of the tests described, the above-mentioned product complies with the regulations of German food law and, in the view of the company, is marketable in Germany.

Start of testing: 05.12.2023

End of testing: 12.12.2023

The results are related only to the samples tested. In cases where the laboratory has not been responsible for sampling, the reported results apply to the samples as received. The laboratory is not responsible for the information provided by the customer. The customer information, if any, presented in this test report is not subject to the accreditation of the laboratory and may affect the validity of the test results. Duplication of this document or of parts of it requires the authorization from laboratory. In accordance our agreement in writing in the order confirmation, the results in this test report are in a simplified form in the context of DIN EN ISO/IEC 17025:2018, paragraph 7.8.1.3.

In conformity assessment, the economic approach is used as the decision rule (a non-conformity exists if the measurement result is included measurement uncertainty above the specification or standard), as long as nothing else has been determined by corresponding legal or normative bases.



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