

Certificate of Analysis

Certificate: **C25039626**
Client: Valoryz Production Kft.
Valentinyi Fruzsina
Petofi str. 3.
5650 Mezőberény
Hungary

Hamburg, 2025-11-24
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Date of order: 2025-11-18
Sample receipt: 2025-11-18
Analysis period: 2025-11-18 - 2025-11-24
Sample storage until: 2025-12-22



Sample data:

GALAB sample number: 25017970-0001-00 Sample description: 1025Cs-1-(M-488) Bio Braun Reis
Customer sample No.: 1025Cs-1-(M-488) Quantity: 0.85 kg

Parameter	Unit	Content	Maximum Level	Evaluation Criteria	RL	Procedure
Arsenic compounds						
Inorganic arsenic	mg/kg	0.13			0,010	V00261
Elements						
Arsenic	mg/kg	0.15			0,020	V00246
Cadmium	mg/kg	< 0.010	0,15	Reg. (EU) 2023/915	0,010	V00246
Lead	mg/kg	< 0.020	0,20	Reg. (EU) 2023/915	0,020	V00246
Mercury	mg/kg	< 0.005	0,010	Reg. (EC) No. 396/2005	0,005	V00246
Microbiology						
Salmonella	/125g	negative				V00689
Mycotoxins						
15-Acetoxyascirpenol	µg/kg	< 50.0			50,0	V00118
15-Acetyldeoxynivalenol	µg/kg	< 50.0			50,0	V00118
3-Acetyldeoxynivalenol	µg/kg	< 50.0			50,0	V00118
Aflatoxin B1	µg/kg	< 1.0	2,0	Reg. (EU) 2023/915	1,0	V00118
Aflatoxin B2	µg/kg	< 1.0			1,0	V00118
Aflatoxin G1	µg/kg	< 1.0			1,0	V00118
Aflatoxin G2	µg/kg	< 1.0			1,0	V00118
Aflatoxin M1	µg/kg	< 1.0			1,0	V00118
Aflatoxins (sum)	µg/kg	-	4,0	Reg. (EU) 2023/915		V00118
Deoxynivalenol	µg/kg	< 100			100	V00118
Diacetoxyascirpenol	µg/kg	< 50.0			50,0	V00118
Fumonisin B1	µg/kg	< 50.0			50,0	V00118
Fumonisin B2	µg/kg	< 50.0			50,0	V00118
Fumonisins (sum)	µg/kg	-				V00118

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Parameter	Unit	Content	Maximum Level	Evaluation Criteria	RL	Procedure
Mycotoxins						
Fusarenon X	µg/kg	< 50.0			50,0	V00118
HT-2 Toxin	µg/kg	< 5.0			5,0	V00117
Nivalenol	µg/kg	< 100			100	V00118
Ochratoxin A	µg/kg	< 0.5	5,0	Reg. (EU) 2023/915	0,5	V00118
T-2 Toxin	µg/kg	< 5.0			5,0	V00117
T2-HT2 (sum)	µg/kg	-				V00117
Zearalenon	µg/kg	< 50.0			50,0	V00118
Pesticides						
GALAB Pesticides	-	n.d.				V00388

RL = Reporting Limit, n.d. = not detected, MU = measurement uncertainty

Procedures:

V00261: DIN EN 16802:2016-07 (IC-ICP-MS) (MU = 12%)

V00246: ASU L 00.00-19/1:2015-06 (microwave-assisted digestion), DIN EN ISO 17294-2:2024-12 (ICP-MS) (MU = 10%)

V00689: ASU L 00.00-98:2007-04

V00118: SOP-0138: 2024-09 (LC/MS-MS) (MU = 36%)

V00117: SOP-0138: 2024-09 (LC/MS-MS) (MU = 40%)

V00388: DIN EN 15662:2018-07 Modular QuEChERS-method, Scope of substances and methods: GALAB Pesticides 500Plus® BNN (GC-MS/MS, GC-NCI & LC-MS/MS), dated 21.07.2025 (MU = 50%)

Sample:

Evaluation:

Compliance with the requirements of Regulation (EU) 2023/915 regarding the parameters analyzed.

According to Regulation (EC) Nr. 2023/915 the MRL of inorganic arsenic for parboiled rice and husked rice is 0,25 mg/kg. This limit is kept by the sample analyzed.

Compliance with the requirements of Regulation (EC) No. 396/2005 regarding the parameters analyzed.

The results of the residue analysis do not indicate a violation of the provisions set by Organic Regulation (EU) 2018/848.

Evaluation of the findings according to the BNN orientation value:

The present sample complies with the private standard of the BNN e.V. considering the BNN orientation value regarding the parameters analyzed.

The requirements of the BNN e.V. regarding the orientation value for the pesticides is summarised in the table below.

Orientation value for individual substances passed ($\leq 0,010$ mg/kg*). YES

Orientation value for individual substances passed when considering the expanded measurement uncertainty of +/- 50% ($\leq 0,021$ mg/kg*). YES

Maximum number of individual substances passed (max 2 single substances $\geq 0,010$ mg/kg* WITHOUT consideration of the expanded measurement uncertainty of +/- 50%). YES

*insofar as no other interpretation rules or explanation by BNN e.V. exist

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The legal assessment is based on European regulations, the LFBG and the legal and implementing provisions issued pursuant to this law. Furthermore, the evaluation is based on the guidelines outlined in document 'SANTE/11312/2021'.

The results refer exclusively to the examined sample (as received)

If the sampling and transport were not carried out by GALAB, it is possible that the sample may have been influenced prior by incorrect selection or insufficient cleaning of the sample containers or lack of preservation/cooling. We recommend to check any findings in this respect critically.

Your customer advisor will be pleased to answer any questions you may have:

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Vanessa Behrmann, Telephone: +49 40 368 077 378, E-Mail: Vanessa.Behrmann@galab.de.

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