



LUFA-ITL GmbH

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

EURO-PILZBRUT GMBH
 INSELKAMMERSTR. 5
 82008 UNTERHACHING

Date 10.06.2010
 Customer no. 10033570
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TEST REPORT

Order nr. 631089 / 2

Sample no. 799945 / 2
 Sample acceptance 11.08.2009
 Sample code

Reishi Powder
 LotNr.: REP-0805
 Identificationnr: Eliteland
 Sample amount: 50 g

Sample packing

plastic cup

	Unit	Result	Declaration	Substance	Method
Nutrition values					
kJ / 100 g		278		OM	Calculation
kcal / 100 g		66		OM	Calculation
Carbohydrates	%	6,1		OM	calculated by Difference-methode
fructose	g/100g	<0,5		OM	§ 64 LFGB L 40.00-07 mod.
glucose	g/100g	<0,5		OM	§ 64 LFGB L 40.00-07 mod.
lactose	g/100g	<0,5		OM	§ 64 LFGB L 40.00-07 mod.
maltose	g/100g	<0,5		OM	§ 64 LFGB L 40.00-07 mod.
saccharose	g/100g	<0,5		OM	§ 64 LFGB L 40.00-07 mod.
Total dietary fiber	%	73,94		OM	§64 LFGB L 00.00-18
Water (4h, 103°C)	%	9,3		OM	VDLUF A III 3.1
Crude ash	%	1,2		OM	VDLUF A III 8.1
Crude proteine (Nx6,25)	%	8,8		OM	VDLUF A III 4.1.1
Total fat	%	0,7		OM	VDLUF A III 5.1.1 B
fatty acid distribution expressed in % of total fatty acids					
octanoic acid C 8:0	%	<0,1			acc. DGF C VI 10a/11a
capric acid C 10:0	%	<0,1			acc. DGF C VI 10a/11a
lauric acid C 12:0	%	<0,1			acc. DGF C VI 10a/11a
myristic acid C 14:0	%	0,3			acc. DGF C VI 10a/11a
myristoleic acid C 14:1	%	<0,1			acc. DGF C VI 10a/11a
pentadecanoic acid C 15:0	%	1,4			acc. DGF C VI 10a/11a
palmitic acid C 16:0	%	14,4			acc. DGF C VI 10a/11a
hexadecanoic acid trans-isomers C 16:1 trans	%	<0,1			acc. DGF C VI 10a/11a
palmitoleic acid C 16:1	%	1,0			acc. DGF C VI 10a/11a
margaric acid C 17:0	%	0,3			acc. DGF C VI 10a/11a
heptadecenoic acid C 17:1	%	<0,1			acc. DGF C VI 10a/11a
stearic acid C 18:0	%	1,7			acc. DGF C VI 10a/11a
octadecenoic acid trans-isomers C 18:1 trans	%	0,3			acc. DGF C VI 10a/11a



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	Unit	Result	Declaration	Substance	Method
oleic acid C 18:1	%	40,5			acc. DGF C VI 10a/11a
petroselinic acid C 18:1	%	<0,1			acc. DGF C VI 10a/11a
cis-vaccenic acid C 18:1	%	2,1			acc. DGF C VI 10a/11a
octadecadienoic acid trans-isomers C 18:2 trans	%	<0,1			acc. DGF C VI 10a/11a
linolic acid C 18:2	%	33,8			acc. DGF C VI 10a/11a
octadecatetrienic acid, trans-isomers C 18:3 trans	%	<0,1			acc. DGF C VI 10a/11a
alpha-linolenic acid C 18:3	%	0,1			acc. DGF C VI 10a/11a
gamma-linolenic acid C 18:3	%	<0,1			acc. DGF C VI 10a/11a
octadecatetraenic acid C 18:4	%	<0,1			acc. DGF C VI 10a/11a
Arachic acid C 20:0	%	0,2			acc. DGF C VI 10a/11a
icosenoic acid C 20:1	%	0,4			acc. DGF C VI 10a/11a
icosadienoic acid C 20:2	%	0,2			acc. DGF C VI 10a/11a
icosatrienoic acid C 20:3	%	<0,1			acc. DGF C VI 10a/11a
icosatetraenoic acid C 20:4	%	<0,1			acc. DGF C VI 10a/11a
icosapentaenoic acid C 20:5	%	<0,1			acc. DGF C VI 10a/11a
hencosanoic acid C 21:0	%	0,2			acc. DGF C VI 10a/11a
behenic acid C 22:0	%	0,7			acc. DGF C VI 10a/11a
docosenoic acid trans-isomers C 22:1 trans	%	<0,1			acc. DGF C VI 10a/11a
docosenoic acid C 22:1	%	<0,1			acc. DGF C VI 10a/11a
docosadienoic acid C 22:2	%	<0,1			acc. DGF C VI 10a/11a
docosatrienic acid C 22:3	%	<0,1			acc. DGF C VI 10a/11a
docosatetraenic acid C 22:4	%	<0,1			acc. DGF C VI 10a/11a
docosapentaenic acid C 22:5	%	<0,1			acc. DGF C VI 10a/11a
docosahexanoic acid C 22:6	%	<0,1			acc. DGF C VI 10a/11a
tricosanoic acid C 23:0	%	1,0			acc. DGF C VI 10a/11a
lignoceric acid C 24:0	%	1,1			acc. DGF C VI 10a/11a
nervonic acid C 24:1	%	0,2			acc. DGF C VI 10a/11a
sum saturated fatty acids	%	21,3 ^{x)}			acc. DGF C VI 10a/11a
sum monounsaturated fatty acids	%	44,5 ^{x)}			acc. DGF C VI 10a/11a
sum polyunsaturated fatty acids	%	34,1 ^{x)}			acc. DGF C VI 10a/11a
sum trans-fatty acids	%	0,3 ^{x)}			acc. DGF C VI 10a/11a

x) The sum calculation is done without taking into account the report limits.

Explanation: "<", n.d.: not detected, below limit of detection

The sign "<..."(LOD)" or n.d. in column result means, the substance concerned can not be detected within the limit of detection.

the sign "<...(+)" in column result means, the substance concerned has been qualitatively detected between limit of detection and limit of determination.

Detection or quantification limit may in some cases (matrix effects, sample volume not enough ...) differ from the theoretical value.

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

Remarks

Fat: 0,7 g/100g, from which
saturated fatty acids: 0,1 g/100g
mono unsaturated fatty acids: 0,3 g/100g
poly unsaturated fatty acids: 0,2 g/100g
trans fatty acids: < 0,1 g/100g

Carbohydrates: 6,1 g/100g, from which



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Order nr. 631089 / 2 Sample no. 799945 / 2
Sugars: < 3 g/100g

LUFA -ITL Frau Dr. Nagorny, Tel. 0431/1228-330
officially approved foodchemist
customer relation management food

The analytical results are only valid for the delivered sample material. The testing period is the time between the receipt of the sample and the reporting date. A plausibility check is hardly possible for samples of unknown origin.

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