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GROSSBRITANNIEN

Date 27.07.2017
Customer no. 10079490

REPORT 2239800 - 340131

Order **2239800 Order Number: 12531**
Sample no. **340131**
Sample acceptance **12.07.2017**
Date of sampling **- 13.06.2017**
Sample code **PPULP00016Q**
Packaging **Kunststoffbeutel**

Unit Result Declaration Substance Method

Physico-chemical parameters

Nitrate	mg/kg	31		OM	DIN EN ISO 10304-1 (D 20)
Nitrite	mg/kg	25		OM	DIN EN ISO 14673-3
sodiumnitrite (calculated from nitrite)	mg/kg	37,5		OM	calculated (from nitrite content)

Trace-elements / Heavy metals

Boron	mg/kg	2,90		OM	DIN EN 15621 (mod.)
Fluorine, detected as Fluoride	mg/kg	<40		OM	EN 16279
Copper (Cu)	mg/kg	<5,00 ^{m)}		OM	DIN EN 15621
Zinc (Zn)	mg/kg	12,7		OM	DIN EN 15621
Cadmium (Cd)	mg/kg	0,07		OM	E DIN EN 17053
Lead (Pb)	mg/kg	0,74		OM	E DIN EN 17053
Mercury (Hg)	mg/kg	<0,02		OM	DIN EN 16277 (mod.)
Arsenic (As)	mg/kg	0,18		OM	E DIN EN 17053

Mycotoxins

Aflatoxine B1	µg/kg	<0,5		OM	in-house method LC/MS/MS
Aflatoxine B2	µg/kg	<0,5		OM	in-house method LC/MS/MS
Aflatoxine G1	µg/kg	<0,5		OM	in-house method LC/MS/MS
Aflatoxine G2	µg/kg	<0,5		OM	in-house method LC/MS/MS

Non-dioxinlike PCB (ndl-PCB)

Sum ndl-PCB (upper-bound)	µg/kg	4,8 ^{xx5)}		OM	calculated
PCB 28	mg/kg	<0,0008		OM	DIN EN 12393-2 / DIN EN 12393-3
PCB 52	mg/kg	<0,0008		OM	DIN EN 12393-2 / DIN EN 12393-3
PCB 101	mg/kg	<0,0008		OM	DIN EN 12393-2 / DIN EN 12393-3
PCB 138	mg/kg	<0,0008		OM	DIN EN 12393-2 / DIN EN 12393-3
PCB 153	mg/kg	<0,0008		OM	DIN EN 12393-2 / DIN EN 12393-3
PCB 180	mg/kg	<0,0008		OM	DIN EN 12393-2 / DIN EN 12393-3

Microbiological examinations

Escherichia coli	cfu/g	<10 (LOD)		OM	ISO 16649-1
Clostridium spp., sulfite-reducing, MPN	in 1g	<2		OM	conform VDLUFA VI, 7.18.4 (mod.)
Total viable count	cfu/g	<100 (LOD)		OM	conform VDLUFA III, 28.1.2
Moulds	cfu/g	<100 (LOD)		OM	conform VDLUFA III, 28.1.2
Yeasts	cfu/g	<100 (LOD)		OM	conform VDLUFA III, 28.1.2
Salmonella spp. in 25g		not detected		OM	ISO 6579

The parameters reported in this document are accredited according to ISO/IEC 17025:2005. Only not accredited parameters are identified by the symbol " * " .

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xx5) For each single result below the LOQ, the LOQ was used for the calculation.

m) Due to the disturbing influence of the sample matrix, the limit of detection resp. limit of quantitation was increased.

Explanation: "<" or "n.q." represent the fact that the concentration of the analyte is below the limit of quantification (LOQ).

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

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

Start of testing: 12.07.2017

End of testing: 27.07.2017

The analytical results are only valid for the delivered sample material. A plausibility check is hardly possible for samples of unknown origin.
Duplication of this document or of parts of it requires the authorization from laboratory.



LUFA - ITL Herr Dr. Hubert Wehage, Tel. 0431/1228-220
Customer Relations Management feed

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