

Ashapura Perfoclay Ltd.  
attn. Ms. Saritha Niar  
Village Ler  
Near Anjar Bhuj Highway  
Bhuj Kutch Gujarat  
INDIEN

**Person in charge** Mr. F. Schmidt  
**ASM** Mr. F. Schmidt

Report date 02.04.2019

Page 1/4

## Analytical report AR-19-GF-005406-02



This report replaces report number: AR-19-GF-005406-01

**Sample Code** 710-2019-02007001

<b>Reference</b>	Galleon Earth V2/ V2 SPECIAL/ V2 SUPER/ V2 SUPREME
<b>Sample sender</b>	Mr. Pravin Vasoya
<b>Reception date time</b>	25.01.2019
<b>Transport by</b>	DHL
<b>Client sample code</b>	Galleon Earth V2/ V2 SPECIAL/ V2 SUPER/ V2 SUPREME
<b>Number of containers</b>	1
<b>Reception temperature</b>	room temperature
<b>End analysis</b>	04.02.2019

### Test results

<b>GFL05</b>	<b>Dioxins and Furans (17 PCDD/F) (°) (#)</b>		
Method	Internal, GLS DF 110, GC-MS/MS		
	2,3,7,8-TetraCDD	< 0.0121	pg/g
	1,2,3,7,8-PentaCDD	< 0.0160	pg/g
	1,2,3,4,7,8-HexaCDD	< 0.0243	pg/g
	1,2,3,6,7,8-HexaCDD	0.0593	pg/g
	1,2,3,7,8,9-HexaCDD	0.0512	pg/g
	1,2,3,4,6,7,8-HeptaCDD	0.860	pg/g
	OctaCDD	7.34	pg/g
	2,3,7,8-TetraCDF	0.0643	pg/g
	1,2,3,7,8-PentaCDF	0.0336	pg/g
	2,3,4,7,8-PentaCDF	0.0564	pg/g
	1,2,3,4,7,8-HexaCDF	0.0602	pg/g
	1,2,3,6,7,8-HexaCDF	< 0.0345	pg/g
	1,2,3,7,8,9-HexaCDF	< 0.0256	pg/g

The results of examination refer exclusively to the checked samples.  
Duplicates - even in parts - must be authorized by the test laboratory in written form.  
Eurofins GfA Lab Service GmbH · Neuländer Kamp 1 a · D-21079 Hamburg  
Headquarters: Eurofins GfA Lab Service GmbH – Neuländer Kamp 1a D-21079 Hamburg  
HRB 115907 AG Hamburg  
General Managers: Dr. Scarlett Biselli  
VAT No.: DE 275912372  
Hypovereinsbank • Bank code: 207 300 17 • Account No.: 7000002400 • SWIFT-BIC: HYVEDEMM33  
IBAN: DE12 2073 0017 7000 0024 00



Deutsche  
Akkreditierungsstelle  
D-PL-14629-01-00

Durch die Deutsche Akkreditierungsstelle  
GmbH (DAKKS) akkreditiertes Prüflaboratorium

**DIN EN ISO/IEC 17025:2005**

Die Akkreditierung gilt nur für die in der Urkunde  
aufgeführten Prüfverfahren

This report replaces report number: AR-19-GF-005406-01

2,3,4,6,7,8-HexaCDF	0.0665	pg/g
1,2,3,4,6,7,8-HeptaCDF	0.205	pg/g
1,2,3,4,7,8,9-HeptaCDF	0.0580	pg/g
OctaCDF	0.973	pg/g
WHO(2005)-PCDD/F TEQ (lower-bound)	0.0618	pg/g
WHO(2005)-PCDD/F TEQ (medium-bound)	0.0801	pg/g
WHO(2005)-PCDD/F TEQ (upper-bound)	0.0984	pg/g
<b>GFL11 polychlorinated biphenyls (12 WHO PCB + 6 ICES PCB) (°) (#)</b>		
Method	Internal, GLS DF 110, GC-MS/MS	
PCB 77	< 1.66	pg/g
PCB 81	< 0.173	pg/g
PCB 105	< 3.20	pg/g
PCB 114	< 0.339	pg/g
PCB 118	< 8.95	pg/g
PCB 123	< 0.256	pg/g
PCB 126	< 0.160	pg/g
PCB 156	< 1.41	pg/g
PCB 157	< 0.262	pg/g
PCB 167	< 0.703	pg/g
PCB 169	< 0.767	pg/g
PCB 189	< 0.256	pg/g
WHO(2005)-PCB TEQ (lower-bound)	ND	pg/g
WHO(2005)-PCB TEQ (medium-bound)	0.0198	pg/g
WHO(2005)-PCB TEQ (upper-bound)	0.0397	pg/g
PCB 28	< 0.0639	ng/g
PCB 52	< 0.0639	ng/g
PCB 101	< 0.0639	ng/g
PCB 138	< 0.0639	ng/g
PCB 153	< 0.0639	ng/g
PCB 180	< 0.0639	ng/g
Total 6 ndl-PCB (lower-bound)	ND	ng/g
Total 6 ndl-PCB (medium-bound)	0.192	ng/g
Total 6 ndl-PCB (upper-bound)	0.384	ng/g
<b>GFTE1 TEQ-Totals WHO-PCDD/F and PCB (°) (#)</b>		
Method	Internal, GLS DF 110, 120, 130, 140, Calculation	
WHO(2005)-PCDD/F+PCB TEQ (lower-bound)	0.0618	pg/g
WHO(2005)-PCDD/F+PCB TEQ (medium-bound)	0.0999	pg/g
WHO(2005)-PCDD/F+PCB TEQ (upper-bound)	0.138	pg/g

This report replaces report number: AR-19-GF-005406-01

**J1003 Arsenic (As)**

Method §64 LFGB L 00.00-19/3 (2004-07), mod., CON-PV 00508 (2015-06), GF-AAS

Subcontracted to a Eurofins laboratory accredited for this test.

Arsenic (As) 2.4 mg/kg

**J1005 Cadmium (Cd)**

Method §64 LFGB L00.00-19/3, CON-PV 00508 (2015-06), GF-AAS

Subcontracted to a Eurofins laboratory accredited for this test.

Cadmium (Cd) 0.1 mg/kg

**J1013 Lead (Pb)**

Method §64 LFGB L00.00-19/3, CON-PV 00508 (2015-06), GF-AAS

Subcontracted to a Eurofins laboratory accredited for this test.

Lead (Pb) 3.5 mg/kg

**J1018 Mercury (Hg)**

Method §64 LFGB L00.00-19/4 (2003-12), mod., CON-PV 00509 (2013-06), CV-AAS

Subcontracted to a Eurofins laboratory accredited for this test.

Mercury (Hg) <0.05 \* mg/kg

\* = below indicated quantification level

(°) = The test was performed at the laboratory site: Am Neuländer Gewerbepark 4

(#) = Eurofins GfA Lab Service GmbH (Hamburg) is accredited for this test.

< - Concentration below the indicated limit of quantification (LOQ)

ND - not determined since none of the corresponding congeners was above the LOQ

**JUDGEMENT**

The analytical results of the above mentioned sample meet the specifications of the FEDIOL's Code of Practice & Quality Assurance Agreement on the Purchase and Use Conditions of Fresh Bleaching Earth and Filter Aids for Vegetable Oils and Fats Refineries and Integrated Plants 09th January 2017 (Ref. 16COD137). In detail:

The sum of dioxins / furans and dioxin-like PCBs of the above mentioned sample (expressed as WHO(2005)-PCDD/F+PCB TEQ (upper-bound)) is below FEDIOL's maximum level of 1.5 ng WHO-PCDD/F-PCB-TEQ/kg.

The sum of non dioxin like PCBs of the above mentioned sample (expressed as Total 6 ndl-PCB (upper-bound)) is below FEDIOL's maximum level of 10 µg/kg.

The concentration of Cadmium (Cd) in the above mentioned sample is below FEDIOL's maximum level of 2 mg/kg.

The concentration of Lead (Pb) in the above mentioned sample is below FEDIOL's maximum level of 10 mg/kg.

The concentration of Mercury (Hg) in the above mentioned sample is below FEDIOL's maximum level of 0.1 mg/kg.

The concentration of Arsenic (As) in the above mentioned sample is below FEDIOL's maximum level of 12 mg/kg.

The results of examination refer exclusively to the checked samples.  
 Duplicates - even in parts - must be authorized by the test laboratory in written form.  
 Eurofins GfA Lab Service GmbH · Neuländer Kamp 1 a · D-21079 Hamburg  
 Headquarters: Eurofins GfA Lab Service GmbH – Neuländer Kamp 1a D-21079 Hamburg  
 HRB 115907 AG Hamburg  
 General Managers: Dr. Scarlett Biselli  
 VAT No.: DE 275912372  
 Hypovereinsbank • Bank code: 207 300 17 • Account No.: 7000002400 • SWIFT-BIC: HYVEDEMM17  
 IBAN: DE12 2073 0017 7000 0024 00

Our General Terms & Conditions, available upon request and online at <http://www.eurofins.de/lebensmittel/kontakt/avb.aspx>, shall apply.



Durch die Deutsche Akkreditierungsstelle GmbH (DAKKS) akkreditiertes Prüflaboratorium  
**DIN EN ISO/IEC 17025:2005**

Die Akkreditierung gilt nur für die in der Urkunde aufgeführten Prüfverfahren

This report replaces report number: AR-19-GF-005406-01



---

Analytical Service Manager (Christian Drüppel)