BioDeposit® Agro

Technical Specification

SIA “BioDeposit Group”, Reg. Nr. 40103385593,
Registered office address: Jasminu 30, Mezares, Babites pag., LV-2101, Latvia
Tel.: +371 29158676, vladementjev@mail.ru, www.biodeposit.lv

CONTENT: Pages

BioDeposit® Agro Description

BioDeposit® Agro is a biologically active soil conditioner obtained by using environmentally sound patented technology from natural ingredients: sapropelic colloid and active peat.

BioDeposit® Agro is not subjected to chemical or thermal treatment, therefore it contains a full spectrum of natural ecologically pure materials.

BioDeposit® Agro **specification:**

- **Biologically Active Substances:**
  - nitrogen-fixing and nitrifying bacteria;
  - natural water soluble vitamins: carotene (provitamin A), B1, B2, B3, B5, B6, B12, E, C, D, P and folic acid;
  - 16 natural water soluble Amino Acids: Histidine, Glutamine, Glycine, Valine, Arginine, Aspartine, Alanine, Serine, Leucine, Isoleucine, Phenylalanine, Tyrosine, Lysine, Methionine, Threonine, Cystine;
  - natural enzymes: Catalase, Peroxidase, Reductase, Protease;
  - humic complex: Humic Acids, Fulvic Acid;
- Organic matter (OM) not less than 75%± 10%;
- **Macro nutrients:**
- Nitrogen (N) no more than 25 000 mg/kg;
- Phosphorus (P) no more than 10 000 mg/kg;
- Potassium (K) no more than 10 000 mg/kg;
- Organic Carbon (C) not less than 40%;
- Essential elements: Si, Ca, Mg, S
- pH 3÷7 (by requirement);
- Moisture not more than 70% ± 5%;;
- **microelements:** Cl, Fe, B, Mn, Zn, Cu, Mo, Ni, Ag
- Free from added hormones, GMO, preservatives, chemicals and pesticides;
- Does not contain any pathogenic nematodes, weed seeds, garbage or industrial factory wastes.
- Low content of heavy metals and radionuclides (below the legal requirement)

BioDeposit® Agro **functions:**

- Creates soil humus
- Restores soil fertility and improves its structure;
- Increases cropping capacity by 40-60% and reduces yield ripening time
- Increases soil moisture content by 4-5 time;
- Neutralizes excessive concentration of radionuclides in the soil, heavy metals, pesticides and chemical fertilizer salts in the soil;
- Prevents soil humus of erosion;
- Increases the effectiveness of mineral fertilizers applied.
- Drastically decreases amount of usage of mineral fertilizers.

BioDeposit® Agro is recommended for:

- depleted soil;
- saline soil;
- eroded soils with damaged structure;
- soils treated with chemical and mineral fertilizers for a long period of time;
- territories located near city roads, industrial zones with the soil polluted with heavy metals;
- sandy soil, sandy clay soil with minimum content of Organic matter;
- soil contaminated with pathogenic nematodes.

How to use BioDeposit® Agro:

1st way: Mix 1 part of **BioDeposit® Agro** with 4-7 parts of the soil before plant seeds or seedlings and water.
2nd way: Mix 10kg bag with 2000 liters of water and than irrigate with this mixture plant saplings

Frequency of BioDeposit® Agro use:
Once per season in the 1st using variant
Once per 2 weeks in the 2nd using variant

BioDeposit® Agro storage temperature: not more than +40°C

Period of validity: not limited, but effective using time is 12 months after manufacturing date

MATERIAL ANALYSIS CERTIFICATE

& SAFETY DATA SHEET FOR

BioDeposit® Agro

1. IDENTIFICATION OF THE SUBSTANCE AND THE COMPANY	
Trade name:	BioDeposit® Agro
Usage:	Soil conditioning, plant growth amendment
Supplier	BioDeposit Group Ltd
Address:	Jasminu street, 30, Mezares, Babites LV-2101, Latvia
Phone Number	+371 29158676
e-mail address	vladementjev@mail.ru, www.biodeposit.lv

2. COMPOSITION/ INFORMATION ON INGREDIENTS

A naturally occurring deposit containing a large organic component and a smaller inorganic component consisting of mineral elements arranged in a complex matrix.

CAS No: N/A

TYPICAL ANALYSIS

Based on test reports of

1. Environment Laboratory of State SIA "Latvian Environment, geology and meteorology centre" (Test Report N 11/1207a)
2. State Plant Protection Service (Statement of the Testing Results N 150-AKA-114-10);
3. LATSERT (Test report N 62065 A);
4. Institute of Food Safety, Animal Health and Environment "BIOR" Diagnostic Center, Laboratory of Food and Environmental Investigations (Test report N 1/1327.1-2010);
5. Environment Laboratory of State SIA "Latvian Environment, geology and meteorology centre" (Test Report N 09/2045);
6. National Diagnostic Center of the Food and Veterinary Service, Laboratory of Food and Environmental Investigations (Test report N 1/689.1-2009);

- Nitrogen-fixing and nitrifying bacteria;
- Natural water soluble vitamins: carotene (provitamin A), B1, B2, B3, B5, B6, B12, E, C, D, P and folic acid;
- 16 natural water soluble Amino Acids: Histidine, Glutamine, Glycine, Valine, Arginine, Aspartine, Alanine, Serine, Leucine, Isoleucine, Phenylalanine, Tyrosine, Lysine, Methionine, Threonine, Cystine;
- Natural enzymes: Catalase, Peroxidase, Reductase, Protease;
- Humic complex: Humic Acids, Fulvic Acid;
- Micro nutrients: Fe,B, Mn, Zn, Cu, Mo, Ni, Ag, NaCl (<0,1%)
- Nitrogen (N) no more than 25 000 mg/kg;
- Phosphorus (P) no more than 10 000 mg/kg;
- Potassium (K) no more than 10 000 mg/kg;
- Organic Carbon (C) not less than 40%;
- Essential elements: Si, Ca, Mg, S;
- Organic matter (OM) not less than 75% ± 10%;
- Moisture content 70% ± 5%;
- pH 3÷7 (by requirement);
- Heavy metals and radionuclides content below the legal requirement

NOT detected:

- added hormones, GMO, preservatives, chemicals / pesticides, pathogenic Coliform bacteria, Salmonella, **cities wastes, sewages,** animal remains, harmful organisms.

3. HAZARD IDENTIFICATION
BioDeposit Agro is not flammable, combustible or explosive under normal conditions as it contains 70% ± 5% moisture. However in the event of drying out to less than 20% moisture and in contact with other burning matter it will burn slowly and emit a tarry smoke. The smoke may be irritating to the eyes, nasal passages and lungs.
Potential Health Effects BioDeposit Agro is not known to cause any deleterious effect to health, either by eye contact, skin contact, ingestion or aggravation of existing medical conditions.

4. FIRST – AID MEASURES	
Eyes, nasal passage and skin:	Wash area with clean fresh water. If a localised reaction to contact occurs seek medical attention.
Ingestions:	In the event of significant ingestion do not induce vomiting, but seek medical attention

5. FIRE - FIGHTING MEASURES	
Extinguishing Media:	Use appropriate media to surround fire. BioDeposit Agro is compatible with all extinguishing methods.
Special Exposure Hazards:	None
Protective Equipment for Fire - Fighting	Wear Self-Contained Breathing Apparatus (SCBA) and Full Protective Clothing.
Hazardous Combustion Products	None

6. ACCIDENTAL RELEASE MEASURES	
Personal Precautions:	Wear Wellington boots and rubber gloves to protect against chapping effect of wet BioDeposit Agro. Wash and dry hands after contact.
Environmental Precautions:	No known adverse environmental effects
Spillages:	Scoop up spillages and place in a container. When handling used BioDeposit Agro, full protective clothing including Wellington boots, nitrile gloves and face mask should be worn.

7. HANDLING AND STORAGE	
Handling:	Wear Wellington boots and waterproof gloves to protect against chapping if contact with BioDeposit Agro is prolonged.
Storage:	Store in original bags or waterproof containers

8. EXPOSURE CONTROLS/ PERSONAL PROTECTION	
Occupational Exposure Standards:	None assigned.
Respiratory Protection:	None required under normal conditions
Hand Protection:	Waterproof gloves if contact prolonged.

Eye Protection:	None required under normal conditions.
9. PHYSICAL AND CHEMICAL PROPERTIES	
Physical State :	Crumbly, free running consistency
Colour:	Grey-brown to black
Odour	Odourless
pH:	3-7
Boiling Point:	N/A
Freezing point (°C):	N/A
Explosion Limits (%):	No known explosion hazards
Solubility in Water:	Insoluble
Vapour Pressure:	N/A
Vapour Density (Air=1)	N/A
Density:	0.6 tonnes /m^3
Flammability:	Sparingly flammable when dry
Specific gravity:	N/A

10. STABILITY AND REACTIVITY	
Stability:	Stable
Materials to avoid:	Concentrated acids and alkalis

11. TOXICOLOGICAL INFORMATION	
Inhalation:	No known toxicology
Skin and Eye Contact:	No known toxicology
Ingestion:	No known toxicology

12. ECOLOGICAL INFORMATION
No known adverse environmental effects

13. DISPOSAL CONSIDERATIONS	
Product Disposal:	Disposal of unused BioDeposit® Agro can be effected by spreading on cultivated soil or by recycling as an amendment to plant growth media. Used BioDeposit® Agro should be disposed of in a registered landfill. The Company does not take responsibility for the disposal of used BioDeposit® Agro.

14. TRANSPORT INFORMATION	
Method:	BioDeposit® Agro is usually transported in 17 liters (10 kg) or in 10 liters (5 kg) polyethylene bags, or 800 -1000 kg Big-Bag. It is non-hazardous with regard to transport regulations.

15. REGULATORY INFORMATION	
Risk symbol:	None
Hazard Classification:	Non-hazardous
R Phrases (risk):	None
S phrases (safety):	None
Precautions:	Ensure personal safety when handling big bags.

16. OTHER INFORMATION

BioDeposit Group Ltd provides the information herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate handling of the product by a properly trained person. Individuals receiving the information must exercise their independent judgement in determining its appropriateness for a particular purpose.

State Ltd "Latvian Environment, geology and meteorology centre"
LABORATORY
Address: Osu street 5, Jurmala, LV 2015; phone: 67751409; fax: 67764162

LATAK-F105

TEST REPORT Nr. 11/1207a

Date: 25.07.2011.

Customer: **Ltd „Uni Organic"**
Address: Bezdeligu street 1-3, Rīga, LV-1007
Phone: 29212701 e-mail: uniorganic@apollo.lv

Purpose of testing: quality control.

Information about test sample:

Reception date, time	Type of sample	Customer sample No.	Sample mass/ container	Laboratory ident. Nr.
08.07.2011; 12:30	Soil fertilizer	BioDeposit Agro	2*0.3 kg/ plastic	11/3107

Sampling: sample was delivered by customer;
Preservation: none.

Sample preparation:
For determination of metals sample was prepared according method LVS ISO 11464:2006; digestion according method LVS ISO 11466:1995. The sample was grounded 0.15 mm for analysis.
For determination of total phosphorus, total nitrogen and pH(KCl) sample was prepared according method LVS ISO 11464:2006.

Test results:

Customer sample No.	Parameter, units	Test result with uncertainty[1]	Test method[2]	Date of analysis
BioDeposit Agro	Boron (B), mg/kg	8.52	LVS EN ISO 17294-2:2005*	11. -19.07.2011
	CaO, g/kg	7.00	LVS EN ISO 17294-2:2005*	11. -19.07.2011
	MgO, g/kg	1.74	LVS EN ISO 17294-2:2005*	11. -19.07.2011
	Total phosphorus (P_{tot}), %	0.040 ± 0.004	LVS EN 14672:2005	14.07.2011
	Total carbon, %	64 ± 6	LVS ISO 10694:1995*	21.07.2011
	Total nitrogen (N_{tot}), %	1.6 ± 0.2	LVS ISO 11261:2002	12.07.2011
	Potassium (K), %	0.038 ± 0.008	LVS ISO 9964-3:1993	12. -13.07.2011
	Manganese (Mn), mg/kg	32.0	LVS EN ISO 17294-2:2005*	11. -19.07.2011
	Humidity, %	71 ± 3	LVS EN 12880:2001	08. -09.07.2011
	Molybdenum, mg/kg	0.43	LVS EN ISO 17294-2:2005*	11. -19.07.2011
	Organic matter, %	95 ± 1	LVS EN 13039:2003	09.07.2011
	Sulfur, g/kg	1.06	LVS EN ISO 17294-2:2005	11. -19.07.2011
	pH(KCl)	3.1 ± 0.1	LVS ISO 10390:2006	14.07.2011

Notes:
Results are reported for sample dried at 105°C according method LVS ISO 11465:1993.

Senior analyst: (post) **I. Vjakse** (name, surname) (signature)

Head of Laboratory: (post) **M. Vaivada** (name, surname) (signature)

[1] Results less than method detection limit (MDL) are given as MDL value with symbol „< ". Result uncertainty is given when results are greater or identical with quantitative limit (QL). The reported uncertainty is given as expanded uncertainty calculated using a coverage factor of 2, which gives a level of confidence of approximately 95%. Information about uncertainty estimation are available at Laboratory in Osu street 5, Jurmala.
[2] Not accredit methods „*".

CONFIRMATION OF COMPATIBILITY

for the use of inputs in organic agriculture

Issued to: SIA Uni Organic.
Lejupes Str.7, Riga,
Latvia.

Document No. A-2011-00959/2011-02578-02579/0010

This document is to confirm that the commercial product

BioDeposit Agro

produced and distributed by the company mentioned above came to the following result:

The final product is considered as a product allowed in organic agriculture, according to the requirements of

- **USDA/NOP-Final rule (USA) §205.203(d)(2).**
- **JAS Japanese Agricultural Standard for Organic Agricultural Products (Japan) Notification No.1605. Table 1 "Shall be only used for soil for raising seedling".**

The inspection and evaluation of the procedure of production was carried out by BCS Öko-Garantie GmbH, Nuremberg, Germany. BCS is an EU-accredited inspection and certification body, controlled by 16 German state supervising authorities. In addition BCS is accredited by the US authority USDA to certify according to the NOP-final Rule and as a Registered Foreign Certification Company by the Japanese Ministry for Agriculture, Fishery and Forestry to certify according to the Japanese Agricultural Standard for Organic Agricultural Products.

This confirmation does not constitute any guarantee of product quality. It only confirms that the use of these products can be considered as equivalent to the requirements in the above mentioned regulations.

It has to be taken into consideration that the official registration in every country where the products are to be sold is not covered by this confirmation. It remains the obligation of the distributing company to carry out the respective legal steps for the official registration of these products.

Nuremberg, May 24th, 2011 — Validity of document, until June 30th, 2012

BCS ÖKO-GARANTIE GMBH

for Peter Grosch
General Manager

BCS Öko-Garantie GmbH

Cimbernstr. 21, 90402 Nuremberg, Germany Phone: +49 (0)911 42 43 9-0, Fax: +49 (0)911 42 43 9 71

State Plant Protection Service

Republikas laukums 2, Rīga, LV-1981

Statement of testing results
Nr. 150-AKA-114-10

Code

1	2	3	4	5
6	7	8	9	10

Date: 22.11.2010.

Author of the report
Tatjana Uzhga
Senior inspector of the Latgales Regional Division

Examined place
Makonkalna parish,
Rezeknes district

Examined person **SIA "UNI Organic" LV40103244096**
1 Bezdeligu Str. 3, Riga, LV-1007

Registration Nr. in the register of persons involved in growing, processing, storage, trade, import and export of plants and plant products subject to phytosanitary control:

Append copy of the testing report: ☐

Nr., date of the testing act of sampling Nr. 150-AKA-114-10, 12.11.2010.

Sample Nr. (culture, breed, field and such)	Harmful organism	Result (be found/not found, %)	Nr., date of the testing report
Nr. 150-AKA-114-10 / 77 (Bio Deposit)	**(K)** Gryptorrhachus magifera (Sternochetus mangiferae Fabr.)	Not found	2736-v, 22.11.2010.
	(K) Iridomyrmex humilis (Mayr)	Not found	
	(K) Leptinotarsa decemlineata (Say)	Not found	
	(K) Pectinophora gossypiella (saunders)	Not found	
	(K) Phutophaga destructor (Mayetiola destructor Say)	Not found	
	(K) Phylloxera vitifoliae (Fitch) (Daktulosphaira vitifoliae (Fitch)	Not found	
	(K) Popillia japonica Newman	Not found	
	(K) Quadraspidiotus perniciosus (Comstck) (Aspidiotus perniciosus (Comstck)	Not found	
	(N) Globodera rostochiensis (Wollenweber) Behrens...	Not found	
	(S) Synchytrium endobioticum (Schilbersky) Percival	Not found	

Conclusion .....

VAAD Rīgas reģionālās un vispārējās uzraudzības nodaļas vecākā inspektore
Olga Malaško
/Senior inspector of the Riga Regional Division of the SPPS
Olga /Malaško/
Transcript of signature

Signature /signature/

Signature /signature/

Conclusion is executed in 2 copies, i have received one copy
Signature /signature/ Date 22.11.2010

PRIVATIZĒJAMĀ VALSTS SABIEDRĪBA AR IEROBEŽOTU ATBILDĪBU
"LATVIJAS SERTIFIKĀCIJAS CENTRS"
Lāčplēša iela 87, Rīga, LV-1011, Latvija,
Vienotais reģ. Nr.50003298751

LATSERT

LABORATORIJA

tālrunis 67217837, fakss 67217820,
e-mail: laboratorija@latsert.lv

TEST REPORT Nr.62065 A

1. Customer, it's address

Ltd. "Uni organic", Bezdeligu str.1-3, Riga, Latvia

2. Sample identification according to the announcement Nr.L-6222

Product name	**Soil Conditioner Bio Deposit**
Sample size	2 kg

3. Sample description

Solid organic fertilizer without labeling

4. Testing time	Received	Started	Finished
	06.10.2010	06.10.2010	12.10.2010

5. Test results and methods

Total phosphorus as P_2O_5	0.039%	LVS EN 13650:2003
Total potassium as K_2O	0.026%	LVS EN 13650:2003
Total nitrogen	0.55%	LVS EN 13654-1:2003
Dry matter	35.3%	LVS EN 13040:2003
Humidity	64.7%	LVS EN 13040:2003
Organic matter	32.9%	LVS EN 13039:2003
Organic matter in dry matter	93.3%	LVS EN 13039:2003
pH, 20^0 C	4.8	LVS EN 13037:2003
Mercury in dry matter*	<1mg/kg	LVS 346:2005
Arsenic in dry matter*	<2mg/kg	LVS ISO 11047:2003 LVS ISO 11466:1995
Cadmium in dry matter*	<2mg/kg	LVS EN 14888:2005
Zinc in dry matter*	55mg/kg	LVS ISO 11047:2003 LVS ISO 11466:1995
Nickel in dry matter*	8.8mg/kg	LVS ISO 11047:2003 LVS ISO 11466:1995
Copper in dry matter*	13mg/kg	LVS ISO 11047:2003
Lead in dry matter*	12mg/kg	LVS ISO 11047:2003 LVS ISO 11466:1995
Electrical conductivity*	40.3µS/cm	Conductometry, 1:5
Sodium chloride*	<0.1%	Argentometry

*According Latvian CM Regulations Regarding the Identification, Quality Conformity Assesment and Marketing of Fertilizers Nr.530/27.06.2006: allowed concentration (mg/kg) of elements is: mercury - 2.0, arsenic - 50, cadmium - 3.0, zinc - 1500, nickel - 100, copper - 600, lead - 150.

D.Elerte
Laboratory Manager
12.10.2010

KOPIJA

BIOR

Institute of Food Safety, Animal Health and Environment «BIOR»
Diagnostic Center
3 Lejupes st., Riga, LV 1076, Latvia,Tel. +371 67611720, +371 67620513, Fax +371 67620434,e-mail: bior@bior.gov.lv

Laboratory of Food and Environmental Investigations
Tel. +371 67611720, Fax +371 67620434,e-mail: partika@bior.gov.lv

Deutscher Akkreditierungs Rat
DAP-PL-3414.00

Test Report № 1/1327.1 – 2010

Ind.n.:**LV40103244096**

Name and address of client: **Ltd "UNI ORGANIC", 1-3 Bezdeligu street, Riga, LV-1007**
Description and identification of the sample: **Soil conditioner**
Information from accompanying document: **2.0 kg in a polyethylene bag.**
Information about sampling (according to the orer for testing):

- plan and procedure: There is no information
- method: There is no information
- place and time: Lake Ubagova, 01.12.2009.
- person performed sampling: Andrejs Maklakovs, 29510841

Date and time of receipt of test item – **08.02.2010. 10:20**
Date (s) of beginning of tests – **08.02.2010.**
Date (s) of performance of tests – **25.02.2010.**

Testing result, method and supplementary information

Parameter	Result and unit	Method
Organochlorine pesticides	Alpha HHCH < 0.003 mg/kg beta HHCH < 0.003 mg/kg gamma HHCH < 0.003 mg/kg hexachlorobenzene < 0.003 mg/kg heptachlor < 0.003 mg/kg aldrin < 0.003 mg/kg DDT metabolite (p,p DDE; p,p DDD; p,p DDT) < 0.006 mg/kg	*^#LVS EN 15662 : 2009
Organophosphorous pesticides	Azinofos-methyl < 0.01 mg/kg diazinon < 0.05 mg/kg fozolon < 0.05 mg/kg chlorpyrifos methyl < 0.05 mg/kg chlorpyrifos ethyl < 0.05 mg/kg malathion < 0.02 mg/kg metalaxyl < 0.05 mg/kg parathion-methyl < 0.02 mg/kg parathion ethyl < 0.05 mg/kg pirimifos- methyl < 0.05 mg/kg procymidone < 0.05 mg/kg totylfluanid < 0.05 mg/kg vinclozolin < 0.05 mg/kg	*^#LVS EN 15662-2009

Test results relate only to the items tested.
Test report should not be reproduced except in full, without written approval of the laboratory.
*Not included in scope of accreditation of LATAK.
^Not included in scope of accreditation of DAP.
#Not included in scope of accreditation of ГОССТАНДАРТ РОССИИ

KOPIJA PAREIZA
BIOR
Pārvaldes vecākā referente
Agnese Klišāne
Rīga, 05.01.2011.

KOPIJA

Test Report № 1/1327.1 – 2010

Parameter	Result and unit	Method
Cesium - 137	2.93±0.18 Bq/kg (GS-97-02. t= 16398s. MDL= 0.066 Bq/kg) (Uncertainty ± 2U (P = 95%))	*#MI 2143 – 91 VNIIMS
Cesium - 134	< 0.076 Bq/kg (GS-97-02. t= 16398 s. MDL= 0.076 Bq/kg)	*#MI 2143 – 91 VNIIMS
Strontium - 90	2.11±0.16 Bq/kg (Wallac-1414, t= 15000 s. MDL= 0.16 Bq/kg) (Uncertainty ± 2U (P = 95%))	*#SSI-Rapport 93 -11

Date of issuing of test report: **25.02.2010.**

Head of laboratory _____ Vadims Bartkevičs

Andrejs Makarovs
3.03.10

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*Not included in scope of accreditation of LATAK.
Not included in scope of accreditation of DAP.
#Not included in scope of accreditation of ГОССТАНДАРТ РОССИИ.

KOPIJA PAREIZA
BIOR
Pārvaldes vecākā referente
Agnese Klišāne

State SIA "Latvian Environment, geology and meteorology centre"
ENVIRONMENT LABORATORY
Address: Osu street 5, Jurmala, LV 2015; phone: 67751409; fax: 67764162

LATAK-T105

TEST REPORT Nr. 09/2045

Date: 27.10.2009

Customer: **SIA "EHT Engineering"**
Address: Lielirbes street 17A, Riga, LV-1046
Phone: 29510841 Fax: 67451295

Purpose of testing: quality control.

Information about test sample:

Reception date, time	Type of sample	Customer sample Nr.	Sample volume/container	Laboratory ident. Nr.
12.10.2009; 16:05	Soil conditioner	1z	0.4 kg / plastic bag	09/5555

Sampling: sample was delivered by customer;
Preservation: none.

Sample preparation:
Digestion according method LVS ISO 11466:1995 for determination of metals. The sample was grounded 0.15 mm for analysis.

Test results:

Customer sample Nr.	Parameter, units	Test result with uncertainty[1]	Test method	Date of analysis
BioDeposit Soil Conditioner	Arsenic (As), mg/kg	1.7 ± 0.2	LVS EN ISO 17294-2:2005	20. -23.10.2009
	Ferrum (Fe), mg/kg	4000 ± 400	US EPA 7380:1986	20. -26.10.2009
	Mercury (Hg), mg/kg	0.07	ISO 16772:2004	20. -23.10.2009
	Chromium (Cr), mg/kg	6.1 ± 0.6	LVS EN ISO 17294-2:2005	20. -23.10.2009
	Cadmium (Cd), mg/kg	<0.7	LVS EN ISO 17294-2:2005	20. -23.10.2009
	Total phosphorus (P_{tot}), %	0.027 ± 0.004	LVS EN 14672:2005	23.10.2009
	Total nitrogen (N_{tot}), %	1.2 ± 0.1	LVS ISO 11261:2002	23.10.2009
	Potassium (K), %	0.34 ± 0.02	LVS ISO 9964-3:1993	20. -26.10.2009
	Humidity, %	71.1 ± 3.2	LVS EN 12880:2001	13. -14.10.2009
	Nickel (Ni), mg/kg	4.4	LVS EN ISO 17294-2:2005	20. -23.10.2009
	Organic matter, %	79.2 ± 1.0	LVS EN 13039:2003	16.10.2009
	Lead (Pb), mg/kg	8.9	LVS EN ISO 17294-2:2005	20. -23.10.2009
	Cooper (Cu), mg/kg	2.8 ± 0.3	LVS EN ISO 17294-2:2005	20. -23.10.2009
	pH(KCl)	3.03 ± 0.10	LVS ISO 10390:2006	16.10.2009

Notes:
Results are reported for sample dried at 105^{0}C according method LVS ISO 11466.

Information about test method:

Parameter	Test method[2]	Method principle	Method detection limit (MDL)
Ferrum	US EPA 7380:1986*	Atomic absorption with flame atomization	
Mercury	ISO 16772:2004	Cold vapour atomic absorbtion spectrophotometry	0.03 mg/kg
Arsenic	LVS EN ISO 17294-2:2005*	Inductively coupled plasma (ICP) mass spectrometry	0.1 mg/kg
Cadmium			0.7 mg/kg
Chromium			1.4 mg/kg
Nickel			2 mg/kg
Cooper			0.4 mg/kg
Lead			4 mg/kg
Total phosphorus	LVS EN 14672:2005	Acid mineralization, spectrometry, ammonium molybdate method	90 mg/kg
Total nitrogen	LVS ISO 11261:2002	Modified Kjeldahl method	137 mg/kg
Potassium	LVS ISO 9964-3:1993*	Atomic flame emission	

Parameter	Test method[2]	Method principle	Method detection limit (MDL)
Humidity	LVS EN 12880:2001	Gravimetric	
Lead	LVS ISO 11047:1998	Atomic absorption with flame atomisation	4 mg/kg
pH(KCl)	LVS ISO 10390:2002	Electrometry	

Test results relate only to the item tested! The report shall not by reproduced except in full without a written approval of LEGMA Environment Laboratory!

Leading Analyst:
(post)

L. Svence
(name, surname) (signature)

Leading Analyst:
(post)

D. Bahareva
(name, surname) (signature)

VIDES LABORATORIJA

[1] Results less than method detection limit (MDL) are given with symbol „< ". Result uncertainty is given when results are greater or identical with quantitative limit (QL). The reported uncertainty is given as expanded uncertainty calculated using a coverage factor of 2, which gives a level of confidence of approximately 95%. Information about uncertainty estimation are available at Environment laboratory in Osu street 5, Jurmala.
[2] Not accredit methods „*".

NATIONAL DIAGNOSTIC CENTER OF THE FOOD AND VETERINARY SERVICE

LABORATORY OF FOOD AND ENVIRONMENTAL INVESTIGATIONS
3 Lejupes street, Riga, LV 1076, Latvia, Tel. 7611720, 7620513, Fax 7620434, e-mail: ndc@ndc.gov.lv

TEST REPORT № 1/689.1 – 2009

Deutscher Akkreditierungs Rat
DAP-PL-3414.00

Ind.n.: **LV40003308988**

Name and address of client – **Ltd "EHT Engineering", 17A Lielirbes street, Riga**
Description and identification of the sample –**BioDeposit Soil Conditioner**
Information about sampling (according to the order for testing): **950 g in polyethylene bag.**
sampling plan and procedure…There is no information
method of sampling… There is no information
place, time of sampling… Veveru lake, 22.01.09., 10:00
person performed sampling…Andrejs Maklakovs, 29510841
Date and time of receipt of test item – **28.01.2009. 10:55**
Date (s) of performance of test – **12.02.2009.**

Testing result, method and supplementary information

Analysis	Result and unit	Method
Organochlorine pesticides	Alpha HHCH < 0.01 mg/kg; beta HHCH < 0.01 mg/kg; gamma HHCH < 0.01 mg/kg; heptachlor < 0.01 mg/kg; aldrin < 0.01 mg/kg; DDT metabolite (p,p DDE; p,p DDD; p,p DDT) < 0.02 mg/kg	*#LVS EN 12393 : 2003
Organophosphorous pesticides	diazinon < 0.01 mg/kg; dimethoate+omethoate < 0.02 mg/kg; chlorpyrifos < 0.05 mg/kg; malathion < 0.05 mg/kg; pirimiphos-methyl < 0.05 mg/kg; parathion < 0.05 mg/kg	*#LVS EN 12393-2:2003 p.9

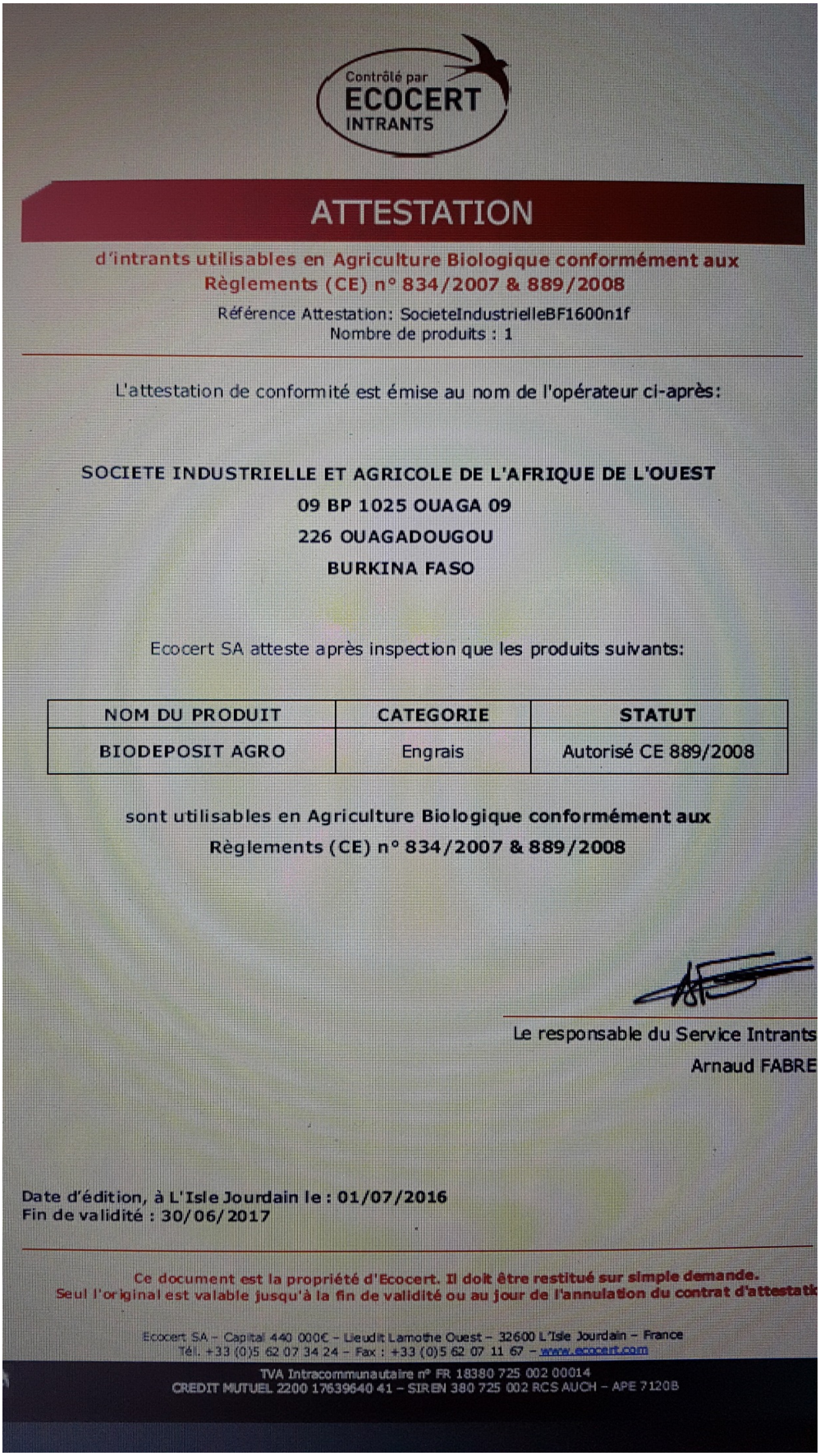
*Not included in scope of accreditation of LATAK.
^Not included in scope of accreditation of DAP.
#Not included in scope of accreditation of ГОССТАНДАРТ РОССИИ.

TEST REPORT № 1/689.1-2009

Cesium - 137	0.312 ± 0.025 Bq/kg (GS-97-02. t = 63252 s. MDL= 0.032 Bq/kg) (Uncertainty ± 2U (P = 95%))	*#MI 2143 – 91 VNIIMS
Cesium - 134	< 0.04 Bq/kg (GS-97-02. t = 63252 s. MDL= 0.04 Bq/kg)	*#MI 2143 – 91 VNIIMS
Strontium - 90	< 0.169 Bq/kg (Wallac-1414, t = 10029 s. MDL= 0.169 Bq/kg)	*#SSI-Rapport 93 -11

Date of issuing test report 28.01.2009.

Head of laboratory _____ Vadims Bartkevičs



Contrôlé par
ECOCERT
INTRANTS

ATTESTATION

d'intrants utilisables en Agriculture Biologique conformément aux
Règlements (CE) n° 834/2007 & 889/2008

Référence Attestation: SocieteIndustrielleBF1600n1f
Nombre de produits : 1

L'attestation de conformité est émise au nom de l'opérateur ci-après:

SOCIETE INDUSTRIELLE ET AGRICOLE DE L'AFRIQUE DE L'OUEST
09 BP 1025 OUAGA 09
226 OUAGADOUGOU
BURKINA FASO

Ecocert SA atteste après inspection que les produits suivants:

NOM DU PRODUIT	CATEGORIE	STATUT
BIODEPOSIT AGRO	Engrais	Autorisé CE 889/2008

sont utilisables en Agriculture Biologique conformément aux
Règlements (CE) n° 834/2007 & 889/2008

Le responsable du Service Intrants
Arnaud FABRE

Date d'édition, à L'Isle Jourdain le : 01/07/2016
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