



Aquatech Enviroscience Laboratories Inc.

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23-Dec-11

## Certificate of Analysis

### **Reported To:**

John Martin

Chief Operating Officer

**BioStar Systems, LLC**

**Organic Waste Management and Renewable Energy**

100 East 7th Street, Suite 400

Kansas City, MO 64106

816.308.4150

[jmartin@biostarsystems.com](mailto:jmartin@biostarsystems.com)

816.365.7111 Cell

### **Project Information:**

Project ID :

Submitted By :

Project Manager:

### **Chain of Custody No-:**

Form 221211 logged on 22-Dec-11 completed on 23-Dec-11

### **Remarks:**

- '+ All blank values are reported. Associated data are not blank corrected if not indicated otherwise.
- '+ 'MDL'= Method Detection Limit, '<=' Less than MDL, '-'= Not analyzed
- '+ Solids results are based on dry weight except Biota Analyses & Special Waste Oil & Grease
- '+ Organic analyses are corrected for extraction recovery standards except for Isotope Dilution methods, (i.e. CARB 429 PAH, all PCDD/F and PBDE, PCB analyses)
- '+ All CCME and/or BC CSR results met required criteria unless otherwise stated in the report.
- All data on final reports are validated by technical personnel. Signature on file at laboratory.
- '+ All Ground water samples except BTEX/VOC's or Purgeable Hydrocarbons are decanted and/or filtered prior to analysis unless otherwise mandated by regulatory agency.
- '+ This report shall not be reproduced except in full, without the written approval of the laboratory.

Methods used by AEL are based upon those found in 'Standard Methods for the Examination of Water and Wastewater', 20th Edition, published by the American Public Health Association, or on US EPA protocols found in the 'Test Methods For Evaluating Solid Waste, Physical/Chemical Methods, SW846', 3rd Edition. Other procedures are based on methodologies accepted by the appropriate regulatory agency. Methodology briefs are available by written request.

All work recorded herein has been in accordance with normal professional standards using accepted testing methodologies, quality assurance and quality control procedures except where otherwise agreed to by the client and testing company in writing. Liability for any and all of these test results shall be limited to the actual cost of the pertinent analysis done. There is no other warranty expressed or implied. Your samples will be retained at AEL for a period of 14 days from receipt of data or as per contract.

**AEL Project Manager:**

Sergei Verenitch



23-Dec-11

**ANALYTICAL REPORT**




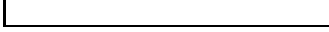
**Client:**

John Martin  
 Chief Operating Officer  
**BioStar Systems, LLC**  
*Organic Waste Management and Renewable Energy*  
 100 East 7th Street, Suite 400  
 Kansas City, MO 64106  
 816.308.4150  
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Sample ID	Lab. ID	Weight (mg)	% Carbon	%, Nitrogen +/-0.2%	δC13	δ N15	C:N
SuperSix 6-0-5_1	231211-20	3.652	18.62	6.68	-11.01	9.06	3.25

**NOTE:**

All results have been run using our statistical identification program and database library. Below is shown the system (colours) used for indication of the source of fertilizers analyzed by EA-IRMS:

-  - organic with 95% confidence.
-  - organic with 80% confidence
-  - need information about the source, identification 50% confidence
-  - synthetic chemical, mixture or grown using conventional fertilizers (plants or derived from plants).

**AEL Project Manager:**

Sergei Verenitch





23-Dec-11

**ANALYTICAL REPORT**




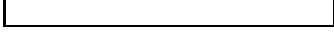
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Sample ID	Lab. ID	Weight (mg)	% Carbon	%, Nitrogen +/-0.2%	δC13	δ N15	C:N
SuperSix 6-0-5_2	231211-21	2.864	18.98	6.62	-10.92	8.88	3.35

**NOTE:**

All results have been run using our statistical identification program and database library. Below is shown the system (colours) used for indication of the source of fertilizers analyzed by EA-IRMS:

-  - organic with 95% confidence.
-  - organic with 80% confidence
-  - need information about the source, identification 50% confidence
-  - synthetic chemical, mixture or grown using conventional fertilizers (plants or derived from plants).

**AEL Project Manager:**

Sergei Verenitch

