



MINNESOTA VALLEY TESTING LABORATORIES, INC.

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**MEMBER
ACIL**

MVTTL guarantees the accuracy of the analysis done on the sample submitted for testing. It is not possible for MVTL to guarantee that a test result obtained on a particular sample will be the same on any other sample unless all conditions affecting the sample are the same, including sampling by MVTL. As a mutual protection to clients, the public and ourselves, all reports are submitted as the confidential property of clients, and authorization for publication of statements, conclusions or extracts from or regarding our reports is reserved pending our written approval.

AN EQUAL OPPORTUNITY EMPLOYER

Sample Number: 12-F99

Report Date: 5/ 8/12

Randy Kasparbauer
Kasparbauer Bioproducts LLC
2060 Sugar Creek Dr
Waukee IA 50263

Work Order #: 17-11293

Date Received: 5/ 2/12

Sample Description: Wood Pellets

* PROXIMATE *			
ANALYTE	AS RECEIVED		DRY BASIS

Total Moisture	7.98	wt. %	
BTU/lb	7031	BTU/lb	7641 BTU/lb

* ULTIMATE *			
ANALYTE	AS RECEIVED		DRY BASIS

Total Moisture	7.98	wt. %	
Carbon	46.77	wt. %	50.83 wt. %
Hydrogen	6.26	wt. %	5.83 wt. %
Nitrogen	< 0.2	wt. %	< 0.22 wt. %

* SULFUR FORMS *		
ANALYTE	AS RECEIVED	DRY BASIS

* ASH FUSION *		
ANALYTE	REDUCING	OXIDIZING

* MINERAL ANALYSIS OF ASH *	
ANALYTE	DRY BASIS

* MISCELLANEOUS *		
ANALYTE	AS RECEIVED	DRY BASIS

Approved by: *Stacy Zander*