



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