



Name		Telephone	
Product			
Product ID		Date Sampled/Received	
Laboratory Name			
Laboratory Batch Number		Laboratory Number	
Analyst		Date of Test	
Acute Toxicity	EPA-821-R-02-012 Methods for Measuring Acute Toxicity of Effluents. Test leachate from recommended application rate receiving 2 inches of rainfall per hour using static test for No-Observed-Adverse-Effect-Concentration (NOEC).	Four replicates are required with no statistically significant reduction in survival in 100 percent leachate for a Daphnid at 48 hours and Oncorhynchus mykiss (rainbow trout) at 96 hours.	
Solvents	EPA 8260B	Benzene - < 0.03 mg/kg	
		Methylene chloride - < 0.02 mg/kg	
		Naphthalene - < 5 mg/kg	
		Tetrachloroethylene - < 0.05 mg/kg	
		Toluene - < 7 mg/kg	
		Trichloroethylene - < 0.03 mg/kg	
		Xylenes - < 9 mg/kg	
Heavy Metals	EPA 6020A Total Metals	Antimony - < 4 mg/kg	
		Arsenic - < 6 mg/kg	
		Barium - < 80 mg/kg	
		Boron - < 160 mg/kg	
		Cadmium - < 2 mg/kg	
		Total Chromium - < 4 mg/kg	
		Copper - < 10 mg/kg	
		Lead - < 5 mg/kg	
		Mercury - < 2 mg/kg	
		Nickel - < 2 mg/kg	
		Selenium - < 10 mg/kg	
		Strontium - < 40 mg/kg	
Zinc - < 30 mg/kg			

Water Holding Capacity	ASTM D7367	800 percent minimum	
Organic Matter Content	ASTM D586 **	90 percent minimum	
Moisture Content ***	ASTM D644 ***	15 percent maximum ***	
Seed Germination Enhancement	ASTM D7322	Long-Term	
		420 percent minimum	
		Moderate-Term	
		400 percent minimum	
		Short-Term	
		200 percent minimum	

* All testing must be conducted using the Test Method indicated in Table 1, unless otherwise noted. All results must be presented in the same units and concentrations indicated in the Requirements column of this Table. Failure to provide results using the required Test Method and Requirements format will not be reviewed or considered. Test results must have been performed within the past three years from the date of this submission and be representative of the current product ingredients.

** This test method has been withdrawn by ASTM. AASHTO-T267 is an acceptable test alternative.

*** Moisture content testing no longer required at this time.

**Table 2
Long-Term Mulch Test Requirements**

Properties	Test Method	Requirements	Product Test Results* To be Filled in by Industry
Performance in Protecting Slopes from Rainfall-Induced Erosion	ASTM D6459. Test in one soil type. Soil tested shall be sandy loam as defined by the NRCS Soil Texture Triangle.	C Factor = 0.01 maximum Revised Universal Soil Loss Equation (RUSLE)	

**Table 3
Moderate-Term Mulch Test Requirements**

Properties	Test Method	Requirements	Product Test Results* To be Filled in by Industry
Performance in Protecting Slopes from Rainfall-Induced Erosion	ASTM D6459. Test in one soil type. Soil tested shall be sandy loam as defined by the NRCS Soil Texture Triangle.	C Factor = 0.05 maximum Revised Universal Soil Loss Equation (RUSLE)	

**Table 4
Moderate-Term Mulch Test Requirements**

Properties	Test Method	Requirements	Product Test Results* To be Filled in by Industry
Performance in Protecting Slopes from Rainfall-Induced Erosion	ASTM D6459. Test in one soil type. Soil tested shall be sandy loam as defined by the NRCS Soil Texture Triangle.	C Factor = 0.15 maximum Revised Universal Soil Loss Equation (RUSLE)	