

Result Sheet

Telephone: 03-9565 9888 International: +61-3-9565 9888
Facsimile : 03-9565 9879 International: +61-3-9565 9879
Web Site: www.hrlt.com.au



HRL Technology Group Pty Ltd
ABN 89 609 887 327

Unit 4, Level 1, 677 Springvale Road
Mulgrave Victoria 3170
AUSTRALIA

Date: **24/04/2020** File No. **67180283** Report No. **20-0370-01**
To: Name **Shayne Murphy**
Company **Enviro Pellets**
Address
Fax No. Tel No.
From: Name **Jarryd Cutting & Andrew Gietman** Tel No. **(03) 9569 9888**
Number of pages including this page: **3**

ANALYSIS OF PELLETS

1. INTRODUCTION

1x sample of pellets were sent from EnviroPellets for analysis.

Results from this analysis are presented below.

Signed:.....

Andrew Gietman
Analytical Chemist - LATS

Approved:.....

Jarryd Cutting
Analytical Chemist – LATS

Distribution: Copy 1: Client. Copy 2: HRL Project File.

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The results presented in this report relate exclusively to the samples selected by the client for the purpose of testing. No responsibility is taken for the representativeness of these samples.

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2. ANALYTICAL METHODS

2.1 *Sample Preparation*

All samples were recorded in the HRL LIMS database and given a unique identification number.

Each sample was air dried at 40°C, then milled in order to prepare an analysis sample.

This preparation process required to produce an analysis sample involved the grinding and milling of the sample to reduce the particle size to a nominal top size of <1mm.

2.2 *Analysis Methods*

Analysis	Test Method
Sample Preparation and size reduction	ISO 14780:2017 & A1:2019
Total Moisture (total, inherent and free)	ISO 18134-1 & ISO 18134-3
Ash Content at 550°C	ISO 18122
Hydrogen (required for CV calculation)	ISO 16948
Calorific Value (gross dry, gross wet, net wet)	ISO 18125
Sulphur (Required for CV calculation)	ISO 16994

Analytical Results

Results from the analysis of the samples are presented below.

TABLE 1 – Analytical Results

HRL Sample Description	200370-01
Clients sample Description	Pellets
Total Moisture	
Moisture, % (ar)	6.9
Ash Yield @550°C	
Ash Yield, % (db)	0.61
Calorific Value (CV) at constant volume	
Gross Dry Calorific Value, MJ/kg (db)	20.2
Gross Wet Calorific Value, MJ/kg (ar)	18.8
Net Wet Calorific Value, MJ/kg (ar)	17.5