

## Appendix 5.4

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**Dust**

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Independent Analytical Supplies

# Test Report

<b>Lab Report Number:</b> 3366G04		<b>Analysis Number:</b> DUST/404	
<b>Customer ID:</b>	O'TOO.C1	<b>Analysis Type:</b>	DUST (DUST)
<b>Contact Name:</b>	PATRICK O'TOOLE	<b>Delivery By:</b>	Customer
<b>Company Name:</b>	O'TOOLE COMPOSTING LTD	<b>Sample Card Number:</b>	20780/8
<b>Address:</b>	BALLINTRANE FENAGH CO. CARLOW	<b>Sample Condition:</b>	Acceptable
<b>Sample Type:</b>	Dust	<b>Date Sample Received:</b>	26/11/2013
<b>Sample Reference:</b>	WATER/WASTE/DUST	<b>Date Analysis Commenced:</b>	26/11/2013
<b>Sample Description:</b>	D1	<b>Date Certificate Issued:</b>	29/11/2013

Parameter	Method	Result	Unit
Dry Weight	Weighing	0.0057	g

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Signed: Wendy McCall  
**Wendy McCall - Laboratory Manager**

Date: 29/11/2013

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 Phone: 00353 59 9721022 Fax: 00353 59 9721897 Email: ias@iaslabs.ie Web: www.iaslabs.ie



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## Test Report

<b>Lab Report Number:</b> 3366G05		<b>Analysis Number:</b> DUST/405	
<b>Customer ID:</b> O'TOO.C1	<b>Analysis Type:</b> DUST (DUST)		
<b>Contact Name:</b> PATRICK O'TOOLE	<b>Delivery By:</b> Customer		
<b>Company Name:</b> O'TOOLE COMPOSTING LTD	<b>Sample Card Number:</b> 20780/8		
<b>Address:</b> BALLINTRANE FENAGH CO. CARLOW	<b>Sample Condition:</b> Acceptable		
<b>Sample Type:</b> Dust	<b>Date Sample Received:</b> 26/11/2013		
<b>Sample Reference:</b> WATER/WASTE/DUST	<b>Date Analysis Commenced:</b> 26/11/2013		
<b>Sample Description:</b> D2	<b>Date Certificate Issued:</b> 29/11/2013		

Parameter	Method	Result	Unit
Dry Weight	Weighing	0.0062	g

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**Wendy McCall - Laboratory Manager**

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Independent Analytical Supplies

# Test Report

<b>Lab Report Number:</b> 3366G06		<b>Analysis Number:</b> DUST/406	
<b>Customer ID:</b>	O'TOO.C1	<b>Analysis Type:</b>	DUST (DUST)
<b>Contact Name:</b>	PATRICK O'TOOLE	<b>Delivery By:</b>	Customer
<b>Company Name:</b>	O'TOOLE COMPOSTING LTD	<b>Sample Card Number:</b>	20780/8
<b>Address:</b>	BALLINTRANE FENAGH CO. CARLOW	<b>Sample Condition:</b>	Acceptable
<b>Sample Type:</b>	Dust	<b>Date Sample Received:</b>	26/11/2013
<b>Sample Reference:</b>	WATER/WASTE/DUST	<b>Date Analysis Commenced:</b>	26/11/2013
<b>Sample Description:</b>	D3	<b>Date Certificate Issued:</b>	29/11/2013

Parameter	Method	Result	Unit
Dry Weight	Weighing	0.0251	g

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**Wendy McCall - Laboratory Manager**

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## Test Report

<b>Lab Report Number:</b> 9353F01	<b>Analysis Number:</b> 99A/65198
<b>Customer ID:</b> O'TOO.C1	<b>Analysis Type:</b> Misc. Tests (99A)
<b>Contact Name:</b> PATRICK O'TOOLE	<b>Delivery By:</b> Customer
<b>Company Name:</b> O'TOOLE COMPOSTING LTD	<b>Sample Card Number:</b> 13135/4
<b>Address:</b> BALLINTRANE FENAGH CO. CARLOW	<b>Sample Condition:</b> Acceptable
<b>Sample Type:</b> Dust	<b>Date Sample Received:</b> 03/05/2013
<b>Sample Reference:</b> DUST/WASTE	<b>Date Analysis Commenced:</b> 03/05/2013
<b>Sample Description:</b> D1	<b>Date Certificate Issued:</b> 10/05/2013

Parameter	Method	Result	Unit
Dust Analysis	Bergerhoff Instrument	3.58	g/m2

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**Wendy McCall - Laboratory Manager**

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## Test Report

<b>Lab Report Number:</b> 9353F02		<b>Analysis Number:</b> 99A/65199	
<b>Customer ID:</b>	O'TOO.C1	<b>Analysis Type:</b>	Misc. Tests (99A)
<b>Contact Name:</b>	PATRICK O'TOOLE	<b>Delivery By:</b>	Customer
<b>Company Name:</b>	O'TOOLE COMPOSTING LTD	<b>Sample Card Number:</b>	13135/4
<b>Address:</b>	BALLINTRANE FENAGH CO. CARLOW	<b>Sample Condition:</b>	Acceptable
<b>Sample Type:</b>	Dust	<b>Date Sample Received:</b>	03/05/2013
<b>Sample Reference:</b>	DUST/WASTE	<b>Date Analysis Commenced:</b>	03/05/2013
<b>Sample Description:</b>	D2	<b>Date Certificate Issued:</b>	10/05/2013

Parameter	Method	Result	Unit
Dust Analysis	Bergerhoff Instrument	2.72	g/m2

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**Wendy McCall - Laboratory Manager**

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## Test Report

**Lab Report Number:** 9353F03                      **Analysis Number:** 99A/65200

<b>Customer ID:</b>	O'TOO.C1	<b>Analysis Type:</b>	Misc. Tests (99A)
<b>Contact Name:</b>	PATRICK O'TOOLE	<b>Delivery By:</b>	Customer
<b>Company Name:</b>	O'TOOLE COMPOSTING LTD	<b>Sample Card Number:</b>	13135/4
<b>Address:</b>	BALLINTRANE FENAGH CO. CARLOW	<b>Sample Condition:</b>	Acceptable
<b>Sample Type:</b>	Dust	<b>Date Sample Received:</b>	03/05/2013
<b>Sample Reference:</b>	DUST/WASTE	<b>Date Analysis Commenced:</b>	03/05/2013
<b>Sample Description:</b>	D3	<b>Date Certificate Issued:</b>	10/05/2013

Parameter	Method	Result	Unit
Dust Analysis	Bergerhoff Instrument	5.11	g/m2

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**Wendy McCall - Laboratory Manager**

Date: 10/05/2013

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T.E. LABORATORIES LIMITED

Trading as

**TelLab** 

Loughmartin Business Pak, Tullow, Co. Carlow  
Phone: 059-9152881 Fax: 059-9152886

**CERTIFICATE OF ANALYSIS**

Page 1 of 2

Analysis of Dust Samples

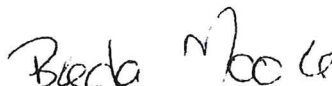
<b>Attention:</b>	Mr. Patrick O'Toole	<b>Lab ID:</b>	89263 - 89265
<b>Company:</b>	O'Toole Composting	<b>Date Sampled:</b>	Unknown
<b>Address:</b>	Ballintrane Fenagh Co. Carlow		
<b>Certificate No:</b>	L/10/1291	<b>Date Rec'd:</b>	21.06.2010
<b>Issue Date:</b>	30.06.2010	<b>Our Ref:</b>	WS-27412

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Three samples were analysed for a range of determinands.  
Please see page 2 for results. Terms & Conditions and methods  
used are outlined in the attached appendix.

No. of Pages: Results page 2 plus 4 page appendix

  
Mr. Mark Bowkett  
Chief Executive

  
Ms Breda Moore  
Technical Manager





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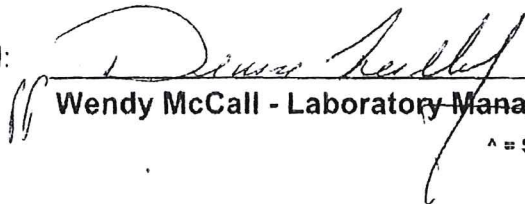
## Test Report

Lab Report Number: 9382E01 Analysis Number: 99A/54102

Customer ID:	O'TOO.C1	Analysis Type:	Misc. Tests (99A)
Contact Name:	PATRICK O'TOOLE	Delivery By:	Customer
Company Name:	O'TOOLE COMPOSTING LTD	Sample Card Number:	3657/3
Address:	BALLINTRANE FENAGH CO. CARLOW	Sample Condition:	Acceptable
Sample Type:	Dust	Date Sample Received:	08/07/2011
Sample Reference:	DUST	Date Analysis Commenced:	08/07/2011
Sample Description:	D1	Date Certificate Issued:	20/07/2011

Parameter	Method	Result	Unit
Weight increase	Drying @ 105°C	0.5	g/m2

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## Test Report

Lab Report Number: 9382E02

Analysis Number: 99A/54103

Customer ID: O'TOO.C1  
 Contact Name: PATRICK O'TOOLE  
 Company Name: O'TOOLE COMPOSTING LTD  
 Address: BALLINTRANE  
 FENAGH  
 CO. CARLOW

Analysis Type: Misc. Tests (99A)  
 Delivery By: Customer  
 Sample Card Number: 3657/3  
 Sample Condition: Acceptable

Sample Type: Dust  
 Sample Reference: DUST  
 Sample Description: D2

Date Sample Received: 08/07/2011  
 Date Analysis Commenced: 08/07/2011  
 Date Certificate Issued: 20/07/2011

Parameter	Method	Result	Unit
Weight increase	Drying @ 105°C	0.3	g/m2

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**Wendy McCall - Laboratory Manager**  
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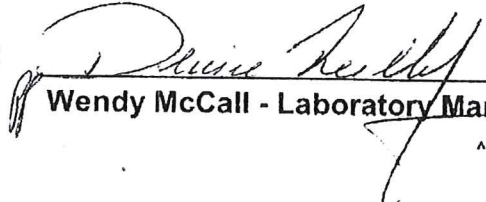
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## Test Report

<b>Lab Report Number:</b> 9382E02		<b>Analysis Number:</b> 99A/54103	
<b>Customer ID:</b>	O'TOO.C1	<b>Analysis Type:</b>	Misc. Tests (99A)
<b>Contact Name:</b>	PATRICK O'TOOLE	<b>Delivery By:</b>	Customer
<b>Company Name:</b>	O'TOOLE COMPOSTING LTD	<b>Sample Card Number:</b>	3657/3
<b>Address:</b>	BALLINTRANE FENAGH CO. CARLOW	<b>Sample Condition:</b>	Acceptable
<b>Sample Type:</b>	Dust	<b>Date Sample Received:</b>	08/07/2011
<b>Sample Reference:</b>	DUST	<b>Date Analysis Commenced:</b>	08/07/2011
<b>Sample Description:</b>	D2	<b>Date Certificate Issued:</b>	20/07/2011

Parameter	Method	Result	Unit
Weight increase	Drying @ 105°C	0.3	g/m2

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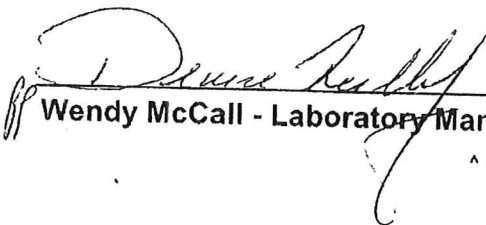
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# Test Report

<b>Lab Report Number:</b> 9382E03		<b>Analysis Number:</b> 99A/54104	
<b>Customer ID:</b>	O'TOO.C1	<b>Analysis Type:</b>	Misc. Tests (99A)
<b>Contact Name:</b>	PATRICK O'TOOLE	<b>Delivery By:</b>	Customer
<b>Company Name:</b>	O'TOOLE COMPOSTING LTD	<b>Sample Card Number:</b>	3657/3
<b>Address:</b>	BALLINTRANE FENAGH CO. CARLOW	<b>Sample Condition:</b>	Acceptable
<b>Sample Type:</b>	Dust	<b>Date Sample Received:</b>	08/07/2011
<b>Sample Reference:</b>	DUST	<b>Date Analysis Commenced:</b>	08/07/2011
<b>Sample Description:</b>	D3	<b>Date Certificate Issued:</b>	20/07/2011

Parameter	Method	Result	Unit
Weight increase	Drying @ 105°C	1.4	g/m2

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**Wendy McCall - Laboratory Manager**

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# Independent Analytical Supplies

## Test Report

Lab Report Number: 9382E01

Analysis Number: 99A/54102

Customer ID: O'TOO.C1  
Contact Name: PATRICK O'TOOLE  
Company Name: O'TOOLE COMPOSTING LTD  
Address: BALLINTRANE  
FENAGH  
CO. CARLOW

Analysis Type: Misc. Tests (99A)  
Delivery By: Customer  
Sample Card Number: 3657/3  
Sample Condition: Acceptable

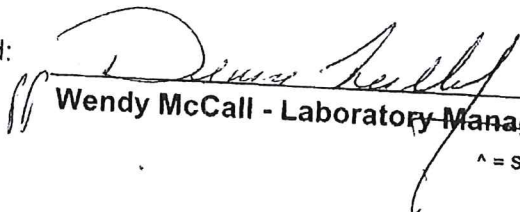
Sample Type: Dust  
Sample Reference: DUST  
Sample Description: D1

Date Sample Received: 08/07/2011  
Date Analysis Commenced: 08/07/2011  
Date Certificate Issued: 20/07/2011

Parameter	Method	Result	Unit
Weight increase	Drying @ 105°C	0.5	g/m2

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Wendy McCall - Laboratory Manager

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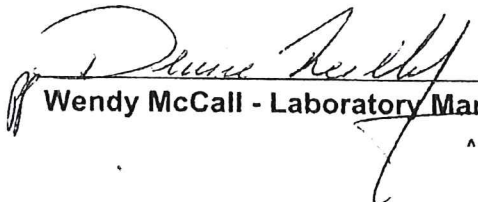
# Test Report

Lab Report Number: 9382E02 Analysis Number: 99A/54103

Customer ID:	O'TOO.C1	Analysis Type:	Misc. Tests (99A)
Contact Name:	PATRICK O'TOOLE	Delivery By:	Customer
Company Name:	O'TOOLE COMPOSTING LTD	Sample Card Number:	3657/3
Address:	BALLINTRANE FENAGH CO. CARLOW	Sample Condition:	Acceptable
Sample Type:	Dust	Date Sample Received:	08/07/2011
Sample Reference:	DUST	Date Analysis Commenced:	08/07/2011
Sample Description:	D2	Date Certificate Issued:	20/07/2011

Parameter	Method	Result	Unit
Weight increase	Drying @ 105°C	0.3	g/m2

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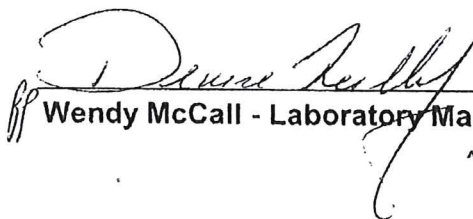
## Test Report

<b>Lab Report Number:</b> 9382E03		<b>Analysis Number:</b> 99A/54104	
<b>Customer ID:</b>	O'TOO.C1	<b>Analysis Type:</b>	Misc. Tests (99A)
<b>Contact Name:</b>	PATRICK O'TOOLE	<b>Delivery By:</b>	Customer
<b>Company Name:</b>	O'TOOLE COMPOSTING LTD	<b>Sample Card Number:</b>	3657/3
<b>Address:</b>	BALLINTRANE FENAGH CO. CARLOW	<b>Sample Condition:</b>	Acceptable
<b>Sample Type:</b>	Dust	<b>Date Sample Received:</b>	08/07/2011
<b>Sample Reference:</b>	DUST	<b>Date Analysis Commenced:</b>	08/07/2011
<b>Sample Description:</b>	D3	<b>Date Certificate Issued:</b>	20/07/2011

Parameter	Method	Result	Unit
Weight increase	Drying @ 105°C	1.4	g/m2

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