

### Compost - Certificate of Analysis - E26-00-4222

<b>Client:</b>	Landtasia Organic Farms	<b>Laboratory:</b>	Environmental Analysis Laboratory
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<b>Customer reference:</b>	PO 6-1210	<b>Request ID:</b>	EAL/E26-00-4222
<b>Number of samples:</b>	1	<b>Report ID:</b>	E26-00-4222_EALS1_1
<b>Date samples received:</b>	28 April 2026	<b>Issue date:</b>	22 May 2026

<b>Authorised by:</b>	Brian Smith
<b>Position:</b>	Senior Technical Officer



**Comments:** EAL is a NATA accredited laboratory (14960), accredited for compliance with ISO/IEC 17025 - Testing.

## Certificate of Analysis

Request ID: EAL/E26-00-4222 Report ID: E26-00-4222\_EALS1\_1 Issue date: 22 May 2026

				Client Sample ID:	50047 Windrow 5	---
				Sample Date:	21 April 2026	---
				EAL Sample ID:	E26-00-4222-0001	AS4454:2012 Composted Product
Parameter	Unit	Method Reference	LOR	---	---	---
Wet Bulk Density	kg/L	** AS4454:2012 Appendix J	---	0.64	---	---
Dry Bulk Density	kg/L	** AS4454:2012 Appendix J	---	0.34	---	---
Moisture Content 105°C	%	** AS4454:2012 Appendix I	<0.1	47	>25	>25
pH (1:5 H2O)	---	** AS4454:2012 Appendix B	---	7.77	>5	>5
EC (1:5 H2O)	dS/m	** AS4454:2012 Appendix B	---	1.41	<10	<10
Total Organic Carbon	%	Inhouse S15b	<0.10	23.0	≥20	≥20
Organic Matter	%	Inhouse S15b	---	39.2	---	---
TOC/TN	---	Inhouse S15b	---	19.0	---	---
Total Carbon	%	Inhouse S4a	<0.03	23.0	≥20	≥20
Total Nitrogen	%	Inhouse S4a	<0.02	1.21	≥0.8 See Notes	≥0.8 See Notes
Ammonium Nitrogen	mg/L N	** AS4454:2012 Appendix B	---	1.37	<200	<200
Ammonium Nitrogen	mg/kg N	** AS4454:2012 Appendix B	<0.5	6.85	---	---
Nitrate Nitrogen	mg/L N	** AS4454:2012 Appendix B	---	1.98	---	---
Nitrate Nitrogen	mg/kg N	** AS4454:2012 Appendix B	<0.5	9.90	≥10 See Notes	≥10 See Notes
Ammonium/Nitrate Ratio	Ratio	** AS4454:2012 Appendix B	---	0.692	<3.0	<3.0
Phosphate Phosphorus	mg/L P	** AS4454:2012 Appendix B	---	2.75	≤5 See Notes	≤5 See Notes
Phosphate Phosphorus	mg/kg P	** AS4454:2012 Appendix B	<0.5	13.8	---	---
Nitrogen Drawdown Index	---	** AS4454:2012 Appendix O	>1.0	> 1.0	>0.2	>0.2
Sulfur	%	** ICPOES Total S - Compost	<0.01	0.10	---	---
Calcium	%	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<0.01	1.69	---	---
Magnesium	%	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<0.01	0.35	---	---
Potassium	%	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<0.01	0.66	---	---
Sodium	%	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<0.01	0.06	<1	<1
Phosphorus	%	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<0.01	0.18	≤0.1 See Notes	≤0.1 See Notes
Zinc	mg/kg	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<1	109	<300	<300
Manganese	mg/kg	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<1	446	---	---
Iron	mg/kg	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<50	13800	---	---
Copper	mg/kg	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<1	24.4	<150	<150
Boron	mg/kg	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<2	18.2	<100	<100
Silicon	mg/kg	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<50	1560	---	---
Aluminium	mg/kg	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<50	6570	---	---
Molybdenum	mg/kg	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<0.2	1.45	---	---
Cobalt	mg/kg	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<1	5.33	---	---
Selenium	mg/kg	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<0.5	< 0.5	<5	<5
Cadmium	mg/kg	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<0.5	< 0.5	<1	<1
Lead	mg/kg	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<1	19.4	<150	<150
Arsenic	mg/kg	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<2	4.56	<20	<20
Chromium	mg/kg	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<2	27.2	<100	<100
Nickel	mg/kg	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<1	9.06	<60	<60
Mercury	mg/kg	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<0.1	< 0.1	<1	<1

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				Client Sample ID:	50047 Windrow 5	---
				Sample Date:	21 April 2026	---
				EAL Sample ID:	E26-00-4222-0001	AS4454:2012 Composted Product
Parameter	Unit	Method Reference	LOR	---	---	---
Silver	mg/kg	** 1:3 Nitric:HCl - APHA 3125 ICPMS	<1	< 1	< 1	---
Symbio Report No.	---	** Subcontracted Symbio	---	B2184302	B2184302	---
Polychlorinated Biphenyls	mg/kg	** Subcontracted Symbio	---	<0.1	<0.1	<0.2
Symbio Report No.	---	** Subcontracted Symbio	---	B2184302	B2184302	---
Organochlorine Pesticides- DDT, DDD, DDE	mg/kg	** Subcontracted Symbio	---	<0.02	<0.02	<0.5
Organochlorine Pesticides - Other	mg/kg	** Subcontracted Symbio	---	<0.02	<0.02	<0.02
Symbio Report No.	---	** Subcontracted Symbio	---	B2181497	B2181497	---
Salmonella spp.	/25g	** Subcontracted Symbio	<0	ND	ND	Absent in 25 g
Escherichia coli	MPN/g	** Subcontracted Symbio	---	<3.0	<3.0	<100 MPN/g
Faecal Coliforms	MPN/g	** Subcontracted Symbio	---	<3.0	<3.0	<1000 MPN/g
Particle Size Grading > 16 mm Sieve	%	** AS4454:2012 Appendix G	<0.01	< 0.01	< 0.01	See Notes
Particle Size Grading 5–16 mm Sieve	%	** AS4454:2012 Appendix G	<0.01	9.71	9.71	See Notes
Particle Size Grading < 5 mm Sieve	%	** AS4454:2012 Appendix G	<0.01	90.3	90.3	See Notes
Plastics Light Flexible or film > 5 mm	%	** AS4454:2012 Appendix I	<0.01	< 0.01	< 0.01	≤0.05
Stones and Lumps of Clay > 5 mm	%	** AS4454:2012 Appendix I	<0.01	4.26	4.26	≤5
Glass, metal and rigid plastics > 2 mm	%	** AS4454:2012 Appendix I	<0.01	0.08	0.08	≤0.5
Wettability (min)	---	** AS4454:2012 Appendix E	---	4m 01s	4m 01s	<5
Plant Growth Test - Root Elongation	mm	** AS4454:2012 Appendix F	---	85	85	>60
Viable Plant Propagules (7 days)	---	** AS4454:2012 Appendix M	---	Nil	Nil	---
Viable Plant Propagules (21 days)	---	** AS4454:2012 Appendix M	---	Nil	Nil	Nil after 21 days

### Notes:

- Conversions to kg/ha = mg/kg x 2.24.
- The chloride estimate result (Electrical Conductivity x 640) is considered an estimate, and is generally an over-estimate.
- Total Acid Extractable Nutrients indicate a store of nutrients.
- Total Phosphorus guide only to be used if a product claims to be used for phosphorus sensitive plants.
- Nitrate guide only to be used if a product claims to contribute to plant nutrition.
- The full propagule test observes the potential growth of viable plant propagules in a 21 day test period. In order to pass there should be Nil after 21 days.
- Other Organochlorines include: Aldrin, Dieldrin, Chlordane, Heptachlor, HCB, Lindane, BHC
- < 'LOR' means less than limit of reporting. 'ND' means not detected. 'NA' means not applicable. 'NR' means not requested.
- Analysis completed in a NATA accredited laboratory.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (available on request or at scu.edu.au/eal).
- Analysis conducted between sample arrival date and reporting date.
- This report is not to be reproduced except in full.
- Results only relate to the item tested.
- Indicative guidelines are based on those in AS4454:2012 for raw mulches, pasteurized product, composted product, mature composts.
- Methods from AS4454:2012 Composts, soil conditioners and mulches.
- Conversions for 1 mg/kg = 1 ppm 1 % = 10,000 ppm.

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**Notes:**

- Coarse Mulch: > 70% of sample is > 16 mm. Fine Mulch: 20% of sample is > 16 mm and 20% is 5 mm. Soil Conditioner: 20% of sample is > 16 mm.