

ANALYTICAL REPORT

CLIENT:	Eclipse Soils	REPORT NO:	2020_1961
TEST REQUEST:	AS 4419 without permeability	LAB SAMPLE ID:	2020_1961
ADDRESS:	Level 2, Subiaco Square Rd, Subiaco WA	DATE RECEIVED:	21/09/2020
CLIENT SAMPLE ID:	Rooftop Garden Soil	DATE TESTED:	21/09 – 13/10/2020
SAMPLING LOCATION:	Abercrombie	DATE REPORTED:	13/10/2020

TEST RESULTS

Analyte	Result	Unit	AS4419 Compliance Requirements	Test Method
Electrical Conductivity	1.0	mS/cm	< 1.2	Appendix D of AS 4419-2003
pH	7.3		5.5 – 7.5	Appendix D of AS 4419-2003
Bulk Density	0.85	kg/L	> 0.7	Appendix B of AS 4419-2003
Saturated Bulk Density	1.25	kg/L		Appendix B of AS 4419-2003
Wettability	150	mm/minute	> 5	Appendix C of AS 4419-2003
Dispersibility (H ₂ O)	Category 1		Category 1 or 2	Appendix G of AS 4419-2003
Dispersibility (CaCl ₂)	Category 1			Appendix G of AS 4419-2003
Bioassay/Toxicity	114	Growth Index	≥ 70	Appendix F of AS 4419-2003
Nitrogen Drawdown Index	0.53		> 0.5	Appendix E of AS 4419-2003
Soil Texture	Loamy sand			Appendix I of AS 4419-2003
Large Particles > 20 mm	9.6%	%	< 2%	AS 4419-2003 Clause 5.14
Large Particles 10 – 20 mm	11.5%	%	< 8%	AS 4419-2003 Clause 5.14
Carbon (dry weight)	3.7%	%	≥ 1.8%	Leco furnace
Organic Matter (dry weight)	6.5%	%	≥ 3%	AS 4419-2003 5.3
Ammonium-N (in extract)	1.7	mg/L	< 200	Appendix D of AS 4419-2003
Phosphate-P (in extract)	2.5	mg/L	< 5	Appendix D of AS 4419-2003

These results reflect our findings for the received sample only.

Tested by: MV, SM

Date: 13/10/2020

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