

ANALYTICAL REPORT

CLIENT:	Eclipse soils	REPORT NO:	2020-490
TEST REQUEST:	AS4419- (without permeability)	LAB SAMPLE ID:	2020-490
ADDRESS:	Level 2, Subiaco Square Rd, Subiaco WA	DATE RECEIVED:	03/06/2020
CLIENT SAMPLE ID:	Aquamor soil blend	DATE TESTED:	05/06/2020
SAMPLING LOCATION:	Abercrombie	DATE REPORTED:	24/06/2020

TEST RESULTS

Analyte	Aquamor soil blend	Unit	AS4419 Compliance Requirements	Test Method
Electrical Conductivity	0.923	mS/cm	< 1.2	Appendix D of AS 4419-2003
pH (CaCl ₂)	7.52		5.5 – 7.5	Appendix D of AS 4419-2003
Ammonium-N (in extract)	9.28	mg/L	< 200	Appendix D of AS 4419-2003
Phosphate-P (in extract)	0.19	mg/L	< 5	Appendix D of AS 4419-2003
Carbon (dry weight)	1.98	%	≥ 1.8%	Leco furnace
Organic Matter (dry weight)	3.5	%	≥ 3%	AS 4419-2003 5.3
Nitrogen Drawdown Index	0.81		> 0.5	Appendix E of AS 4419-2003
Bioassay/Toxicity	209	Growth Index	≥ 70	Appendix F of AS 4419-2003
Bulk Density	1.25	kg/L	> 0.7	Appendix B of AS 4419-2003
Wettability	84.0	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
Soil Texture	Sand			Appendix I of AS 4419-2003
Large Particles 10 – 20 mm	0.52	%	< 8%	AS 4419-2003 Clause 5.14
Large Particles > 20 mm	0	%	< 2%	AS 4419-2003 Clause 5.14

These results reflect our findings for the received sample only.

Tested by: MV, SM

Date: 03-06-20-24-06-20

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