

ANALYTICAL REPORT

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|--------------------|--|----------------|------------------|
| CLIENT: | Eclipse Soils | REPORT NO: | 2021_0365 |
| TEST REQUEST: | AS 4419 | LAB SAMPLE ID: | 2021_0365 |
| ADDRESS: | Level 2, 40 Subiaco Square Rd, Subiaco | DATE RECEIVED: | 16/03/2021 |
| CLIENT SAMPLE ID: | Aquamor Soil Blend 16.03.2021 | DATE TESTED: | 17/03-30/03/2021 |
| SAMPLING LOCATION: | Abercrombie | DATE REPORTED: | 31/03/2021 |

TEST RESULTS

| Analyte | Aquamor Soil Blend 16.03.2021 | Unit | AS4419 Compliance Requirements (Landscaping Soils) |
|-------------------------------------|-------------------------------|----------------|---|
| Electrical Conductivity | 0.409 | mS/cm | < 0.75 Low organic low phosphorus < 1.2 Low organic high phosphorus <1.75 Medium organic low phosphorus |
| pH | 7.38 | | Acid Soils 4.5-6.0 (in H ₂ O) Neutral soils 6.1-7.5 (in H ₂ O) Alkaline Soils 7.6-9.0 (in H ₂ O) |
| Bulk Density | 1.34 | kg/L | -- |
| Wettability | 85.7 | mm/minute | > 5 |
| Dispersibility (H ₂ O) | Category 1 | | Category 1 or 2 |
| Dispersibility (CaCl ₂) | Category 1 | | -- |
| Bioassay/Toxicity | 194 | % Growth Index | > 70% |
| Nitrogen Drawdown Index | 0.519 | | |
| Soil Texture | Loamy sand | | -- |
| Large Particles > 20 mm | 0 | % | <2 |
| Large Particles 10 – 20 mm | 0.407 | % | |
| Carbon (dry weight) | 2.82 | % | -- |
| Organic Matter (dry weight) | 4.79 | % | Low organic 3-5.9% Medium organic 6-14.9% High organic 15-25% |
| Ammonium-N (in extract) | 1.19 | mg/L | -- |
| Available P/Colwell-P (dry weight) | 0.86 | mg/kg | < 30 Low organic low phosphorus 30-200 Low organic high phosphorus < 30 Medium organic low phosphorus |

Analysis: Sample was processed and sampled in accordance with AS 4419 Standards. Electrical conductivity and pH AS 4419 2018 Appendix D. Bulk density AS 4419 2018 Appendix B. Wettability AS 4419 2018 Appendix C (Paragraph C4.1). Dispersibility AS 4419 2018 Appendix J. Bioassay/Toxicity Modified method AS 4419 2018 Appendix I. Nitrogen Drawdown AS 4419 2018 Appendix H. Soil Texture AS 4419 2018 Appendix K. Particle Size AS 4419 2018 Appendix A. Permeability AS 4419 2003 Appendix H. Carbon and Organic Matter (Leco furnace) Calculation AS 4419 2018. Ammonium AS 4419 2018 Appendix E. Phosphate-P AS 4419 2018 Appendix G.

These results reflect our findings for the received sample only.

Tested by: MV, SM, NG

Date: 17/03-30/03/2021

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