

14<sup>th</sup> September, 2021

To: Whom it may concern

**RE: BIOCHAR ANALYTICAL SUITES**

Please see below EAL's analytical biochar suites to cover the requirements of the ANZBI Biochar Code of Practice 2021. An admin batch charge of \$30 +GST applies per project/ sample submission form.

**SS-PACK-163 Biochar Totals Analysis Plus Ultimate Analysis**

Includes Moisture Content, Bulk Density; Ash Content and Volatile Matter (750°C); pH, EC (1:10 water); Total Nitrogen (TN), Total Carbon (TC), Total Organic Carbon (TOC); Total Hydrogen, Total Oxygen; Totals (Ca, Mg, K, Na, S, P, Zn, Mn, Fe, Cu, B, Si, Al, Mo, Co, Se, Cd, Pb, As, Cr, Ni, Hg, Ag); Acid Neutralising Capacity (ANC). Note: 500 g of sample is required to complete testing.  
Price \$330.00+GST

**SS-PACK-111 Biochar Totals Analysis**

Includes Moisture Content, Bulk Density; Ash Content and Volatile Matter (750°C); pH, EC (1:10 water); Total Nitrogen (TN), Total Carbon (TC), Total Organic Carbon (TOC); Totals (Ca, Mg, K, Na, S, P, Zn, Mn, Fe, Cu, B, Si, Al, Mo, Co, Se, Cd, Pb, As, Cr, Ni, Hg, Ag); Acid Neutralising Capacity (ANC). Note: 500 g of sample is required to complete testing.  
Price \$230.00+GST

**SS-PACK-149 Biochar Ultimate Analysis**

Includes organic carbon, oxygen and hydrogen as well as the molar ratio of hydrogen to organic carbon.  
Price \$200.00+GST

**SS-PACK-150 Biochar Density and Ashing**

Includes moisture with % ash and volatiles at 750°C.  
Price \$70.00+GST

**SS-PACK-151 Biochar PCB's (< 0.2 ppm) and PAH's (< 0.4 ppm)**

Price \$110.00+GST

**SS-PACK-152 Biochar Full VOC and SVOC Scan**

Includes PAH's as part of scan.  
Price \$310.00+GST

**SS-PACK-154 Biochar Heavy Metals**

Includes Pb, Cd, Hg, As, Cu, Ni, Zn and Cr.  
Price \$80.00+GST

**SS-PACK-154 Biochar Dioxin / Furans (< 17 ng/kg)**

Price \$950.00+GST

**SS-PACK-155 Biochar Particle Size Analysis - Dry Sieving**

Dry sieving for fractions > 2 mm, 1-2 mm, 500 µm-1 mm, 250-500 µm, 125-250 µm, 63-125 µm, < 63 µm.

Price \$90.00+GST

**SS-PACK-156 Biochar Surface Area (Total and External)**

Price \$300.00+GST

**SS-SING-027 Silica -Total**

Includes specialised NaOH high temperature fusion extraction of silicon.

Price \$120.00+GST

**SS-PACK-032 Specific - TCLP Extractable (ICPMS)**

Includes Copper, Lead, Cadmium, Zinc, Arsenic, Selenium, Iron, Manganese, Silver, Chromium, Nickel, Aluminium, Mercury.

Price \$90.00+GST

**SS-SING-162 Chromium VI - Hexavalent**

Speciation by a screening colourimetric technique which may be subject to matrix interference. Refer to separate analysis codes for speciation using HPLC-ICPMS analysis.

Price \$36.00+GST

**SS-PACK-019 Nutrients - KCl Extractable**

Includes Nitrate, Ammonium, Phosphate.

Price \$50.00+GST

**SS-SING-216 PFAS in solid – STANDARD level 28 suite with detection 0.01 mg/kg**

Includes the analysis of per- and poly-fluoroalkyl substances (PFAS) in solids. Price

\$170.00+GST

**SS-SING-53 PFAS in solid – LOW level 28 suite with detection 0.0008-0.0016 mg/kg**

Includes the analysis of per- and poly-fluoroalkyl substances (PFAS) in solids.

Price \$190.00+GST

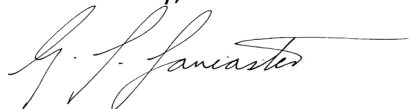
**SS-PACK-143 Soil Testing for Biochar Application**

Includes Moisture, pH, EC (1:5 water); Total Organic Carbon (TOC), Total Nitrogen (TN), TC/TN Ratio; Available Nitrogen (Nitrate); Soluble Chloride; Total Metals (Sb, As, Be, B, Cd, Co, Cu, Cr, Pb, Mn, Mo, Ni, Se, Sn, V, Zn, S, P, Hg); Soluble Cations (Ca, Mg, K, Na). Note: 300 g of sample is required to complete testing.

Price \$205.00+GST

Please contact the laboratory if you have any queries or feedback.

Yours faithfully,



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