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| **Quotation Request Form** |  **Celignis Limited** |
| Website: [www.celignis.com](http://www.celignis.com), Email: info@celignis.com, Phone: (353) 89 455 5582 |

Please provide details of your samples for analysis using our forms in the pages below. You can use the “Sample Name” column to include any additional details on your sample that you think may aid in our analysis. If you have a number of samples that are of the same sample type and properties (e.g. particle size, etc.) and require the same analysis packages you can use the same table to fill this in, using numbers for each sample in the “Sample Name” column.

Click [here](http://www.celignis.com/celig_files/Celignis_Example_Quotation_Request_Form_2017.pdf) to see an example of a form that has been filled in. Click [here](http://www.celignis.com/services.php) for information on the different analysis packages.

After completing this form please email it to us at info@celignis.com.

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| **Sample Name** | **Type of Sample** | **Analysis Packages Selected** |
|  | Grass | [ ]  | P2 | Moisture Content | [ ]  | P14 | Starch Content | [ ]  | P38 | Major and Minor Elements | [ ]  |
| Wood | [ ]  | P3 | Ash Content | [ ]  | P15 | Uronic Acids | [ ]  | P39 | Ash Melting Behaviour | [ ]  |
| Agricultural Residue | [ ]  | P4 | Ethanol-Soluble Extractives | [ ]  | P16 | Acetyl Content | [ ]  | P40 | Combustion Package | [ ]  |
| **Approx. Weight (g)** | Municipal Waste | [ ]  | P5 | Water-Soluble Extractives | [ ]  | P21 | Sugars in Solution | [ ]  | P51 | Particle Size | [ ]  |
|  | Animal Waste | [ ]  | P6 | Exhaustive Extractives | [ ]  | P22 | Organic Acids and Furans | [ ]  | P52 | Pellet Length and Diameter | [ ]  |
| Treated Biomass | [ ]  | P7 | Lignocellulosic Sugars | [ ]  | P31 | Volatile Matter | [ ]  | P53 | Bulk Density | [ ]  |
| Seaweed | [ ]  | P8 | Lignin | [ ]  | P32 | Proximate Analysis | [ ]  | P54 | Basic Density | [ ]  |
| **Particle Size** | Liquid | [ ]  | P9 | Sugars and Lignin | [ ]  | P33 | Ultimate Analysis | [ ]  | P61 | Sugars in Bio-Oil Water Extract | [ ]  |
| Solid | [ ]  | Bio-Oil | [ ]  | P10 | Sugars; Lignin; Extractives; Ash | [ ]  | P34 | Calorific Value and Elements | [ ]  | P62 | Bio-oil Sugars + Oligosaccharides  | [ ]  |
| Chopped (>0.85mm) | [ ]  | Other | [ ]  | P11 | NIR Prediction Package | [ ]  | P35 | Chlorine and Sulphur | [ ]  | P63 | Oxygenated Bio-Oil Components | [ ]  |
| Ground (<0.85mm | [ ]  | **Wet or Dry** | P12 | Sugars in Solvent Extract | [ ]  | P36 | Major Elements | [ ]  | P71 | Seaweed Carbohydrates | [ ]  |
| Liquid | [ ]  | Wet | [ ]  | P13 | Oligosaccharides and Sugars | [ ]  | P37 | Minor Elements | [ ]  |  |  |  |
|  | Dry | [ ]  |  |
| Liquid | [ ]  |

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| **Approx. Weight (g)** | Municipal Waste | [ ]  | P5 | Water-Soluble Extractives | [ ]  | P21 | Sugars in Solution | [ ]  | P51 | Particle Size | [ ]  |
|  | Animal Waste | [ ]  | P6 | Exhaustive Extractives | [ ]  | P22 | Organic Acids and Furans | [ ]  | P52 | Pellet Length and Diameter | [ ]  |
| Treated Biomass | [ ]  | P7 | Lignocellulosic Sugars | [ ]  | P31 | Volatile Matter | [ ]  | P53 | Bulk Density | [ ]  |
| Seaweed | [ ]  | P8 | Lignin | [ ]  | P32 | Proximate Analysis | [ ]  | P54 | Basic Density | [ ]  |
| **Particle Size** | Liquid | [ ]  | P9 | Sugars and Lignin | [ ]  | P33 | Ultimate Analysis | [ ]  | P61 | Sugars in Bio-Oil Water Extract | [ ]  |
| Solid | [ ]  | Bio-Oil | [ ]  | P10 | Sugars; Lignin; Extractives; Ash | [ ]  | P34 | Calorific Value and Elements | [ ]  | P62 | Bio-oil Sugars + Oligosaccharides  | [ ]  |
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| Ground (<0.85mm | [ ]  | **Wet or Dry** | P12 | Sugars in Solvent Extract | [ ]  | P36 | Major Elements | [ ]  | P71 | Seaweed Carbohydrates | [ ]  |
| Liquid | [ ]  | Wet | [ ]  | P13 | Oligosaccharides and Sugars | [ ]  | P37 | Minor Elements | [ ]  |  |  |  |
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|  | Animal Waste | [ ]  | P6 | Exhaustive Extractives | [ ]  | P22 | Organic Acids and Furans | [ ]  | P52 | Pellet Length and Diameter | [ ]  |
| Treated Biomass | [ ]  | P7 | Lignocellulosic Sugars | [ ]  | P31 | Volatile Matter | [ ]  | P53 | Bulk Density | [ ]  |
| Seaweed | [ ]  | P8 | Lignin | [ ]  | P32 | Proximate Analysis | [ ]  | P54 | Basic Density | [ ]  |
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| Seaweed | [ ]  | P8 | Lignin | [ ]  | P32 | Proximate Analysis | [ ]  | P54 | Basic Density | [ ]  |
| **Particle Size** | Liquid | [ ]  | P9 | Sugars and Lignin | [ ]  | P33 | Ultimate Analysis | [ ]  | P61 | Sugars in Bio-Oil Water Extract | [ ]  |
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| Seaweed | [ ]  | P8 | Lignin | [ ]  | P32 | Proximate Analysis | [ ]  | P54 | Basic Density | [ ]  |
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| **Particle Size** | Liquid | [ ]  | P9 | Sugars and Lignin | [ ]  | P33 | Ultimate Analysis | [ ]  | P61 | Sugars in Bio-Oil Water Extract | [ ]  |
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| Wood | [ ]  | P3 | Ash Content | [ ]  | P15 | Uronic Acids | [ ]  | P39 | Ash Melting Behaviour | [ ]  |
| Agricultural Residue | [ ]  | P4 | Ethanol-Soluble Extractives | [ ]  | P16 | Acetyl Content | [ ]  | P40 | Combustion Package | [ ]  |
| **Approx. Weight (g)** | Municipal Waste | [ ]  | P5 | Water-Soluble Extractives | [ ]  | P21 | Sugars in Solution | [ ]  | P51 | Particle Size | [ ]  |
|  | Animal Waste | [ ]  | P6 | Exhaustive Extractives | [ ]  | P22 | Organic Acids and Furans | [ ]  | P52 | Pellet Length and Diameter | [ ]  |
| Treated Biomass | [ ]  | P7 | Lignocellulosic Sugars | [ ]  | P31 | Volatile Matter | [ ]  | P53 | Bulk Density | [ ]  |
| Seaweed | [ ]  | P8 | Lignin | [ ]  | P32 | Proximate Analysis | [ ]  | P54 | Basic Density | [ ]  |
| **Particle Size** | Liquid | [ ]  | P9 | Sugars and Lignin | [ ]  | P33 | Ultimate Analysis | [ ]  | P61 | Sugars in Bio-Oil Water Extract | [ ]  |
| Solid | [ ]  | Bio-Oil | [ ]  | P10 | Sugars; Lignin; Extractives; Ash | [ ]  | P34 | Calorific Value and Elements | [ ]  | P62 | Bio-oil Sugars + Oligosaccharides  | [ ]  |
| Chopped (>0.85mm) | [ ]  | Other | [ ]  | P11 | NIR Prediction Package | [ ]  | P35 | Chlorine and Sulphur | [ ]  | P63 | Oxygenated Bio-Oil Components | [ ]  |
| Ground (<0.85mm | [ ]  | **Wet or Dry** | P12 | Sugars in Solvent Extract | [ ]  | P36 | Major Elements | [ ]  | P71 | Seaweed Carbohydrates | [ ]  |
| Liquid | [ ]  | Wet | [ ]  | P13 | Oligosaccharides and Sugars | [ ]  | P37 | Minor Elements | [ ]  |  |  |  |
|  | Dry | [ ]  |  |
| Liquid | [ ]  |