

| Part Number | Description                                 | Pack  | Form   | Hazmat | % Carbon | % Hydrogen | % Nitrogen | % Oxygen | % Sulphur | % TOC | % TIC |
|-------------|---------------------------------------------|-------|--------|--------|----------|------------|------------|----------|-----------|-------|-------|
| B2273       | Alfalfa Organic Analytical Standard         | 30g   | Solid  |        |          |            | 3.52       |          | 0.27      |       |       |
| B2164       | Algae (Bladderwrack)                        | 30g   | Solid  |        | 33.67    | 4.92       | 1.25       |          | 2.29      |       |       |
| B2162       | Algae (Spirulina) Standard                  | 30g   | Solid  |        | 45.17    | 6.63       | 9.98       |          | 0.67      |       |       |
| B2277       | Barley Flour Organic Analytical Standard    | 30g   | Solid  |        | 43.51    | 6.00       | 1.90       |          | 0.14      |       |       |
| B2166       | Birch leaf Standard                         | 30g   | Solid  |        | 48.09    | 6.55       | 2.12       |          | 0.17      |       |       |
| B2209       | Bitumen-Asphalt CHNOS standard              | 30g   | Solid  |        | 84.41    | 10.06      | 3.21       | 1.26     | 0.27      |       |       |
| B2160       | Chitin Standard                             | 30g   | Solid  |        | 44.71    | 6.61       | 6.79       | 36.86    |           |       |       |
| B2320       | Coal CHNOS Standard (S~0.25%) CRM           | 50g   | Solid  |        | 68.67    | 4.55       | 1.02       | 18.84    | 0.30      |       |       |
| B2321       | Coal CHNOS Standard (S~0.75%) CRM           | 50g   | Solid  |        | 66.99    | 3.85       | 1.22       | 4.73     | 0.79      |       |       |
| B2322       | Coal CHNOS Standard (S~1%) CRM              | 50g   | Solid  |        | 67.68    | 3.97       | 1.29       | 7.17     | 1.91      |       |       |
| B2323       | Coal CHNOS Standard (S~3%) CRM              | 50g   | Solid  |        | 60.98    | 4.16       | 1.09       | 5.70     | 3.61      |       |       |
| B2324       | Coal CHNOS Standard (S~5%) CRM              | 50g   | Solid  |        | 60.65    | 4.38       | 1.15       | 15.12    | 6.18      |       |       |
| B2300       | Coal Standard Sulphur Range 0.3%            | 50g   | Solid  |        |          |            |            |          | 0.35      |       |       |
| B2301       | Coal Standard Sulphur Range 0.5%            | 50g   | Solid  |        |          |            |            |          | 0.45      |       |       |
| B2302       | Coal Standard Sulphur Range 0.7%            | 50g   | Solid  |        |          |            |            |          | 0.75      |       |       |
| B2303       | Coal Standard Sulphur Range 0.85%           | 50g   | Solid  |        |          |            |            |          | 0.79      |       |       |
| B2304       | Coal Standard Sulphur Range 1%              | 50g   | Solid  |        |          |            |            |          | 1.04      |       |       |
| B2305       | Coal Standard Sulphur Range 1.5%            | 50g   | Solid  |        |          |            |            |          | 1.41      |       |       |
| B2306       | Coal Standard Sulphur Range 2%              | 50g   | Solid  |        |          |            |            |          | 2.03      |       |       |
| B2307       | Coal Standard Sulphur Range 2.5%            | 50g   | Solid  |        |          |            |            |          | 2.37      |       |       |
| B2308       | Coal Standard Sulphur Range 3%              | 50g   | Solid  |        |          |            |            |          | 2.80      |       |       |
| B2309       | Coal Standard Sulphur Range 3.5%            | 50g   | Solid  |        |          |            |            |          | 3.60      |       |       |
| B2310       | Coal Standard Sulphur Range 4%              | 50g   | Solid  |        |          |            |            |          | 4.15      |       |       |
| B2311       | Coal Standard Sulphur Range 5%              | 50g   | Solid  |        |          |            |            |          | 5.59      |       |       |
| B2312       | Coal Standard Sulphur Range 6%              | 50g   | Solid  |        |          |            |            |          | 5.88      |       |       |
| B2168       | Coconut shell Standard                      | 30g   | Solid  |        | 49.04    | 6.01       | 0.12       |          |           |       |       |
| B2318       | Coke CHNS                                   | 50g   | Solid  |        | 88.78    | 2.05       | 1.18       |          | 3.51      |       |       |
| B2317       | Coke Standard Sulphur Range 0.5%            | 50g   | Solid  |        |          |            |            |          | 0.59      |       |       |
| B2315       | Coke Standard Sulphur Range 0.7%            | 50g   | Solid  |        |          |            |            |          | 0.67      |       |       |
| B2316       | Coke Standard Sulphur Range 0.9%            | 50g   | Solid  |        |          |            |            |          | 1.21      |       |       |
| B2272       | Corn Gluten Organic Analytical Standard     | 30g   | Solid  |        | 45.27    | 5.98       | 10.38      |          | 0.85      |       |       |
| B2270       | Corn Meal Organic Analytical Standard       | 30g   | Solid  |        | 39.60    | 5.55       | 1.65       |          | 0.14      |       |       |
| B2337       | Extreme Pressure Oil                        | 100ml | Liquid |        |          |            |            |          | 0.03      |       |       |
| B2338       | Extreme Pressure Oil                        | 100ml | Liquid |        |          |            |            |          | 0.04      |       |       |
| B2336       | Extreme Pressure Oil Sulphur Range 2%       | 100ml | Liquid |        |          |            |            |          | 2.00      |       |       |
| B2337       | Extreme Pressure Oil Sulphur Range 3%       | 100ml | Liquid |        |          |            |            |          | 3.30      |       |       |
| B2338       | Extreme Pressure Oil Sulphur Range 4%       | 100ml | Liquid |        |          |            |            |          | 4.19      |       |       |
| B1405       | Glutamic Acid Standard                      | 250g  | Solid  |        | 40.71    | 6.01       | 9.52       |          |           |       |       |
| B2332       | High Sulphur Residual Oil Sulphur Range 10% | 100ml | Liquid |        |          |            |            |          | 9.86      |       |       |
| B2331       | High Sulphur Residual Oil Sulphur Range 20% | 100ml | Liquid |        |          |            |            |          | 19.98     |       |       |
| B2330       | High Sulphur Residual Oil Sulphur Range 30% | 100ml | Liquid |        |          |            |            |          | 30.00     |       |       |
| B2334       | High Sulphur Residual Oil Sulphur Range 5%  | 100ml | Liquid |        |          |            |            |          | 5.00      |       |       |
| B2333       | High Sulphur Residual Oil Sulphur Range 6%  | 100ml | Liquid |        |          |            |            |          | 5.78      |       |       |
| B2145       | Lubricant Standard                          | 2g    | Liquid |        | 82.32    | 13.82      | 1.12       |          | 2.54      |       |       |
| B2276       | Oatmeal Organic Analytical Standard         | 30g   | Solid  |        | 41.59    | 5.85       | 1.90       |          | 0.16      |       |       |
| B2170       | Olive stone Standard                        | 30g   | Solid  |        | 47.06    | 6.35       | 0.20       |          |           |       |       |
| B2141       | Orchard Leaves Standard                     | 20g   | Solid  |        | 50.40    | 6.22       | 2.28       |          | 0.16      |       |       |
| B2149       | Pasta Standard                              | 100g  | Solid  |        |          |            | 2.23       |          |           |       |       |
| B2140       | Pasta Standard                              | 10g   | Solid  |        |          |            | 2.23       |          |           |       |       |
| B2154       | Protein Standard OAS                        | 30g   | Solid  |        |          |            | 13.32      |          |           |       |       |
| B2360       | Residual Oil Standard Sulphur Range 0.1%    | 100ml | Liquid |        |          |            |            |          | 0.11      |       |       |
| B2358       | Residual Oil Standard Sulphur Range 0.15%   | 100ml | Liquid |        |          |            |            |          | 0.15      |       |       |
| B2361       | Residual Oil Standard Sulphur Range 0.2%    | 100ml | Liquid |        |          |            |            |          | 0.20      |       |       |
| B2362       | Residual Oil Standard Sulphur Range 0.3%    | 100ml | Liquid |        |          |            |            |          | 0.30      |       |       |
| B2359       | Residual Oil Standard Sulphur Range 0.35%   | 100ml | Liquid |        |          |            |            |          | 0.35      |       |       |
| B2363       | Residual Oil Standard Sulphur Range 0.4%    | 100ml | Liquid |        |          |            |            |          | 0.42      |       |       |
| B2364       | Residual Oil Standard Sulphur Range 0.5%    | 100ml | Liquid |        |          |            |            |          | 0.48      |       |       |
| B2365       | Residual Oil Standard Sulphur Range 0.6%    | 100ml | Liquid |        |          |            |            |          | 0.61      |       |       |
| B2366       | Residual Oil Standard Sulphur Range 0.7%    | 100ml | Liquid |        |          |            |            |          | 0.70      |       |       |
| B2367       | Residual Oil Standard Sulphur Range 0.8%    | 100ml | Liquid |        |          |            |            |          | 0.82      |       |       |
| B2368       | Residual Oil Standard Sulphur Range 0.9%    | 100ml | Liquid |        |          |            |            |          | 0.90      |       |       |
| B2369       | Residual Oil Standard Sulphur Range 1%      | 100ml | Liquid |        |          |            |            |          | 0.99      |       |       |
| B2370       | Residual Oil Standard Sulphur Range 1.5%    | 100ml | Liquid |        |          |            |            |          | 1.49      |       |       |
| B2371       | Residual Oil Standard Sulphur Range 2%      | 100ml | Liquid |        |          |            |            |          | 2.01      |       |       |
| B2372       | Residual Oil Standard Sulphur Range 2.5%    | 100ml | Liquid |        |          |            |            |          | 2.50      |       |       |
| B2373       | Residual Oil Standard Sulphur Range 3%      | 100ml | Liquid |        |          |            |            |          | 2.92      |       |       |
| B2374       | Residual Oil Standard Sulphur Range 3.5%    | 100ml | Liquid |        |          |            |            |          | 3.46      |       |       |
| B2375       | Residual Oil Standard Sulphur Range 4%      | 100ml | Liquid |        |          |            |            |          | 4.00      |       |       |
| B2376       | Residual Oil Standard Sulphur Range 4.5%    | 100ml | Liquid |        |          |            |            |          | 4.52      |       |       |
| B2278       | Rice Flour Organic Analytical Standard      | 30g   | Solid  |        | 40.90    | 5.75       | 1.38       |          | 0.12      |       |       |
| B2275       | Rye Flour Organic Analytical Standard       | 30g   | Solid  |        | 39.50    | 5.50       | 1.75       |          | 0.13      |       |       |

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|------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----|-------|--|-------|------|------|------|------|-------|------|
| B2150                                                                                                                                                | Sediment Standard High Organic Content              | 30g | Solid |  | 7.17  |      | 0.57 |      | 0.85 |       |      |
| B2188                                                                                                                                                | Soil Standard (Chalky)                              | 30g | Solid |  | 5.39  |      | 0.35 |      |      | 3.3   | 2.09 |
| B2184                                                                                                                                                | Soil Standard (Clay)                                | 30g | Solid |  | 2.29  |      | 0.21 |      | 0.03 | 1.98  | 0.31 |
| B2186                                                                                                                                                | Soil Standard (Loamy)                               | 30g | Solid |  | 2.75  |      | 0.27 |      | 0.04 | 2.67  | 0.08 |
| B2176                                                                                                                                                | Soil Standard (Peaty)                               | 30g | Solid |  | 15.95 |      | 1.29 |      | 0.41 | 15.57 | 0.38 |
| B2180                                                                                                                                                | Soil Standard (Sandy)                               | 30g | Solid |  | 0.83  |      | 0.07 |      | 0.01 | 0.76  | 0.07 |
| B2182                                                                                                                                                | Soil Standard (Silty)                               | 30g | Solid |  | 2.19  |      | 0.18 |      | 0.03 | 1.89  | 0.30 |
| B2152                                                                                                                                                | Soil Standard Low Organic Content                   | 30g | Solid |  | 1.55  |      | 0.13 |      | 0.02 |       |      |
| B2178                                                                                                                                                | Soil Standard Medium Organic Content                | 30g | Solid |  | 3.19  |      | 0.27 |      | 0.04 |       |      |
| B2051                                                                                                                                                | Soil Standard NC                                    | 5g  | Solid |  | 2.29  |      | 0.21 |      |      |       |      |
| B2050                                                                                                                                                | Soil Standard NCS                                   | 2g  | Solid |  | 2.29  |      | 0.21 |      | 0.02 | 1.98  | 0.31 |
| B2158                                                                                                                                                | Sorghum Flour Standard                              | 30g | Solid |  | 41.26 |      | 1.47 |      | 0.10 |       |      |
| B2271                                                                                                                                                | Soy Bean Meal Organic Analytical Standard           | 30g | Solid |  | 45.24 | 5.73 | 7.89 |      | 0.42 |       |      |
| B2323                                                                                                                                                | Ultimate Coal Standard                              | 50g | Solid |  | 60.98 | 4.16 | 1.09 | 6.47 | 3.61 |       |      |
| B2313                                                                                                                                                | Ultra Low Sulphur Coal Standard Sulphur Range 0%    | 50g | Solid |  |       |      |      |      | 0.00 |       |      |
| B2314                                                                                                                                                | Ultra Low Sulphur Coal Standard Sulphur Range 0.02% | 50g | Solid |  |       |      |      |      | 0.03 |       |      |
| B2326                                                                                                                                                | Ultra Low Sulphur Coal Standard Sulphur Range 0.05% | 50g | Solid |  |       |      |      |      | 0.05 |       |      |
| B2327                                                                                                                                                | Ultra Low Sulphur Coal Standard Sulphur Range 0.10% | 50g | Solid |  |       |      |      |      | 0.10 |       |      |
| B2328                                                                                                                                                | Ultra Low Sulphur Coal Standard Sulphur Range 0.15% | 50g | Solid |  |       |      |      |      | 0.14 |       |      |
| B2274                                                                                                                                                | Wheat Flour Organic Analytical Standard             | 30g | Solid |  | 38.86 | 5.45 | 1.81 |      | 0.13 |       |      |
| B2156                                                                                                                                                | Wheat Flour Standard                                | 30g | Solid |  | 39.38 |      | 1.36 |      | 0.09 |       |      |
| Approximate values shown - certified values vary from batch to batch - refer to the analysis certificate for exact values, or contact our sales team |                                                     |     |       |  |       |      |      |      |      |       |      |
| Purple background denotes uncertified values given for information only                                                                              |                                                     |     |       |  |       |      |      |      |      |       |      |