



## PRODUCT SPECIFICATIONS

| Product                    | Moisture | Extract As Is | Extract Dry | EBC Colour °EBC 450g |      | IOB Colour °EBC 515ml |      | TN   |      | TSN     | SNR  |      | Friability |
|----------------------------|----------|---------------|-------------|----------------------|------|-----------------------|------|------|------|---------|------|------|------------|
|                            | Max      | Typical       | Typical     | Min                  | Max  | Min                   | Max  | Min  | Max  | Typical | Min  | Max  | Min        |
| <b>Base Malts</b>          |          |               |             |                      |      |                       |      |      |      |         |      |      |            |
| Maris Otter Sd Colour      | 4.5      | 300           | 311         | 4.5                  | 7.0  | 3.75                  | 5.75 | 1.40 | 1.60 | 0.56    | 36.0 | 42.0 | 88         |
| Maris Otter Low Colour     | 5.0      | 300           | 311         |                      | 3.6  |                       | 3.00 | 1.40 | 1.60 | 0.56    | 36.0 | 42.5 | 88         |
| Pale Ale Std Colour        | 4.5      | 302           | 313         | 4.5                  | 7.0  | 3.75                  | 5.75 | 1.40 | 1.60 | 0.56    | 36.0 | 42.5 | 88         |
| Pale Ale Low Colour        | 5.0      | 302           | 313         |                      | 3.6  |                       | 3.00 | 1.40 | 1.60 | 0.56    | 36.0 | 42.5 | 88         |
| Lager                      | 4.5      | 300           | 311         |                      | 3.6  |                       | 3.00 | 1.40 | 1.60 | 0.56    | 36.0 | 42.5 | 88         |
| Wheat Malt                 | 6.0      | 300           | 314         |                      | 5.0  |                       | 4.20 | 1.40 | 2.20 | 0.42    | 20.0 | 30.0 |            |
| Rye Malt                   | 6.0      | 305           | 319         |                      | 7.0  |                       | 5.75 | 1.15 | 1.50 | 0.56    | 40.0 | 50.0 |            |
| <b>Speciality Malts</b>    |          |               |             |                      |      |                       |      |      |      |         |      |      |            |
| Mild Ale                   | 4.5      | 295           | 305         | 10                   | 14   | 8                     | 12   |      |      |         |      |      |            |
| Munich                     | 4.5      | 295           | 305         | 15                   | 20   | 12                    | 17   |      |      |         |      |      |            |
| Vienna                     | 4.5      | 295           | 305         | 10                   | 14   | 8                     | 12   |      |      |         |      |      |            |
| <b>Non Malted Cereals</b>  |          |               |             |                      |      |                       |      |      |      |         |      |      |            |
| Flaked Torrefied Barley    | 10.0     | 283           | 308         | 2.5                  | 4.5  | 2.1                   | 3.8  |      |      |         |      |      |            |
| Flaked Maize               | 8.5      | 307           | 328         |                      | 1.3  |                       | 1.1  |      |      |         |      |      |            |
| Flaked Malted Oats         | 11.0     | 266           | 292         | 2.8                  | 5.5  | 2.4                   | 4.6  |      |      |         |      |      |            |
| Torrefied Wheat            | 10.0     | 285           | 310         | 2.5                  | 4.5  | 2.1                   | 3.8  |      |      |         |      |      |            |
| <b>Crystal Malts</b>       |          |               |             |                      |      |                       |      |      |      |         |      |      |            |
| CaraGold                   | 8.0      | 270           | 290         | 10                   | 17   | 8                     | 14   |      |      |         |      |      |            |
| CaraMalt                   | 7.5      | 270           | 290         | 23                   | 42   | 20                    | 35   |      |      |         |      |      |            |
| Crystal 100                | 5.5      | 270           | 280         | 105                  | 130  | 90                    | 110  |      |      |         |      |      |            |
| Crystal 150                | 4.5      | 270           | 280         | 165                  | 190  | 140                   | 160  |      |      |         |      |      |            |
| Crystal 200                | 4.5      | 265           | 274         | 215                  | 265  | 180                   | 220  |      |      |         |      |      |            |
| Crystal 400                | 3.5      | 270           | 275         | 450                  | 525  | 380                   | 440  |      |      |         |      |      |            |
| Crystal Rye                | 5.0      | 270           | 282         | 140                  | 220  | 120                   | 180  |      |      |         |      |      |            |
| Crystal Wheat              | 5.0      | 270           | 282         | 120                  | 180  | 100                   | 150  |      |      |         |      |      |            |
| <b>Roasted Malts</b>       |          |               |             |                      |      |                       |      |      |      |         |      |      |            |
| Amber                      | 3.0      | 275           | 280         | 45                   | 85   | 40                    | 70   |      |      |         |      |      |            |
| Brown                      | 3.5      | 275           | 280         | 105                  | 145  | 90                    | 120  |      |      |         |      |      |            |
| Low Colour Chocolate       | 3.5      | 280           | 285         | 415                  | 655  | 350                   | 550  |      |      |         |      |      |            |
| Chocolate                  | 3.5      | 270           | 275         | 1070                 | 1310 | 900                   | 1100 |      |      |         |      |      |            |
| Black                      | 3.5      | 265           | 270         | 1400                 | 1800 | 1200                  | 1500 |      |      |         |      |      |            |
| Roasted Barley             | 3.5      | 265           | 270         | 1400                 | 1800 | 1200                  | 1500 |      |      |         |      |      |            |
| <b>Organic Malts</b>       |          |               |             |                      |      |                       |      |      |      |         |      |      |            |
| Maris Otter Std Colour*    | 4.5      | 300           | 311         | 4.5                  | 7.0  | 3.75                  | 5.75 |      | 1.60 | 0.56    | 36.0 | 44.0 | 88         |
| Maris Otter Low Colour*    | 5.0      | 300           | 311         |                      | 3.6  |                       | 3.00 |      | 1.60 | 0.56    | 36.0 | 44.0 | 88         |
| Plumage Archer Std Colour* | 4.5      | 300           | 311         | 4.5                  | 7.0  | 3.75                  | 5.75 |      | 1.60 | 0.56    | 36.0 | 44.0 | 88         |
| Pale Ale Std Colour        | 4.5      | 302           | 313         | 4.5                  | 7.0  | 3.75                  | 5.75 |      | 1.60 | 0.56    | 36.0 | 44.0 | 88         |
| Pale Ale Low Colour        | 5.0      | 302           | 313         |                      | 3.6  |                       | 3.00 |      | 1.60 | 0.56    | 36.0 | 44.0 | 88         |
| Lager                      | 4.5      | 300           | 311         |                      | 3.6  |                       | 3.00 |      | 1.60 | 0.56    | 36.0 | 44.0 | 88         |
| Wheat Malt                 | 6.0      | 300           | 314         |                      | 5.0  |                       | 4.20 |      | 2.20 | 0.42    | 20.0 | 30.0 |            |
| Rye Malt                   | 6.0      | 305           | 319         |                      | 7.0  |                       | 5.75 |      | 1.50 | 0.56    | 40.0 | 50.0 |            |
| CaraMalt                   | 7.5      | 270           | 290         | 25                   | 50   | 20                    | 40   |      |      |         |      |      |            |
| Crystal 150                | 4.5      | 270           | 280         | 150                  | 210  | 125                   | 175  |      |      |         |      |      |            |
| Crystal 400                | 3.5      | 265           | 270         | 400                  | 570  | 340                   | 480  |      |      |         |      |      |            |
| Munich                     | 4.5      | 295           | 305         | 15                   | 20   | 12                    | 17   |      |      |         |      |      |            |
| Low Colour Chocolate*      | 3.5      | 280           | 285         | 375                  | 715  | 315                   | 600  |      |      |         |      |      |            |
| Chocolate                  | 3.5      | 270           | 275         | 950                  | 1450 | 800                   | 1200 |      |      |         |      |      |            |
| Roasted Barley             | 3.5      | 265           | 270         | 1200                 | 1910 | 1000                  | 1600 |      |      |         |      |      |            |

\* Special Orders