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## Certificate of Analysis

Product Name: Extra Light Dried Malt Extract Ingredients: Barley & Water Description: Made from the high quality barley, it provides the perfect base for all beer styles. Source: France Usage: Suitable for beer brewing, saccharification, medicine, food, drink and within other industries Batch number: 20240411 Manufacture Date: 11/04/2024

## **Physico-chemical**

| Parameter                   | Minimum | Maximum | Result   | Outcome      |
|-----------------------------|---------|---------|--|--------------|
| Sense                       | N/A     | N/A     | Light yellow to yellow<br>powder, without foreign<br>impurities, with strong<br>and pure malt aroma;<br>slightly sweet, with malt<br>flavor. |              |
| Moisture (%)                |         | ≤ 4.0   | 2.05   | $\checkmark$ |
| PH (10% Solution)           | 4.5     | 6.5     | 5.13   | $\checkmark$ |
| EBC Color (10%<br>Solution) | 4.0     | 18.0    | 9.5  |              |
| Ash (%)                     |         | ≤ 2.7   | 1.13   | $\checkmark$ |
| Protein (% dry substance)   |         | ≥ 3.5   | 4.26   |              |

## **Microbiological**

| Test   | Specification | Result   | Outcome      |
|--|---------------|----------|--------------|
| Aerobic Plate Count (cfu/g)                        | ≤ 15000       | 130      | $\checkmark$ |
| Mold and Yeast(cfu/g)                              | ≤ 50          | <10      | $\checkmark$ |
| Coliform (MPN/g)                                   | Negative      | Negative | $\checkmark$ |
| Bacillus cereus (cfu/g)                            | ≤ 1000        | <100     | $\checkmark$ |
| Salmonella (/25g)                                  | Negative      | Negative | $\checkmark$ |
| Mesophilic spore count (cfu/g)                     | N/A           | 70       | $\checkmark$ |
| Thermo-resistant mesophilic spore<br>count (cfu/g) | N/A           | 10       | $\checkmark$ |