

CERTIFICATE OF ANALYSIS

Name: **Malto-Dextrin DE 18-20**

Quantity: **1,200kg**

Batch No.: **20210618**

Production Date: **18th June, 2021**

Analysis Date: **18th June, 2021**

Re-Test Date: **17th June, 2023**

Country of Origin: **China**

| Item | Specification Results | Test Method |
|-------------------|--|-------------|
| Description | White to yellow powder White to yellow powder | Visual |
| Odour | Sweet or no odour Sweet or no odour | |
| Taste | Sweet taste Sweet taste | |
| Identification | In accordance with standard retention time Conforms | FCC |
| DE Value | 18.0 – 20.0% 19.2% | |
| Water | NMT 6.0% 5.1% | |
| Total Solids | Min 90.0% 93.1% | |
| Sulphite | LT 10mg/kg Conforms | |
| Solubility | Min 98.0% 99.3% | |
| pH Value | 4.5 – 6.5 5.2 | |
| Total Protein | NMT 1.0% Conforms | |
| Sulphated Ash | NMT 0.5% 0.1% | |
| Iodine Test | Negative Conforms | |
| Arsenic | NMT 0.5mg/kg 0.1mg/kg | |
| Lead | NMT 0.1mg/kg LT 0.1ppm | |
| Sulfur Dioxide | LT 10mg/kg Conforms | |
| Total plate count | NMT 500 cfu/g LT 20 cfu/g | |
| Yeast and Mould | NMT 100 cfu/g LT 10 cfu/g | |
| Coliforms | Absence/g Conforms | |

| | | |
|------------|--------------------|--|
| E.coli | Absence/g Conforms | |
| Salmonella | Absence/g Conforms | |

| | | |
|---------------|--------------------|--|
| Staph. Aureus | Absence/g Conforms | |
|---------------|--------------------|--|

Conclusion: Conforms to FCC10 standard.