

## Certificate of Analysis

|                       |             |                     |            |
|-----------------------|-------------|---------------------|------------|
| <b>Product Name</b>   | Lactose     | <b>Mfg. Date</b>    | 2020.07.29 |
| <b>Batch No.</b>      | KN520072903 | <b>Testing Date</b> | 2020.08.03 |
| <b>Batch Quantity</b> | 500kg       | <b>Exp. Date</b>    | 2022.07.28 |

| Items                | Specifications                           | Results      |
|----------------------|--|--------------|
| Ash                  | ≤0.3%                                    | 0.054%       |
| Bacillus cereus      | ≤100cfu/g                                | <10cfu/g     |
| B. color             | ≤15.5                                    | 8.3          |
| Coliform             | ≤10cfu/g                                 | <10cfu/g     |
| E.Coli               | ≤10cfu/g                                 | <10cfu/g     |
| Loss on drying       | ≤0.3%                                    | 0.2%         |
| Lactose purity       | 99-100%                                  | 99.68%       |
| Listeria Genus/25g   | Negative                                 | Negative     |
| Mold                 | ≤50cfu/g                                 | <10cfu/g     |
| Mesh 100 passing     | 85%-100%                                 | 99.6%        |
| pH                   | 4.5-7.0                                  | 5.42         |
| Protein              | ≤0.3%                                    | 0.02%        |
| Salmonella /750g     | Negative                                 | Not detected |
| Standard plate count | ≤2500cfu/g                               | <250cfu/g    |
| Staphylococcus       | ≤10cfu/g                                 | <10cfu/g     |
| Yeast                | ≤50cfu/g                                 | <10cfu/g     |
| <b>Conclusion:</b>   | The product complies with specifications |              |

|                    |  |
|--------------------|--|
| <b>Storage:</b>    | Store in cool & dry place, keep away from strong light and heat. |
| <b>Shelf Life:</b> | 2 years when properly stored.                                    |



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