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V2.01-2021

## Certificate of Analysis

| Product Information                 |                                                                     |                  |                |
|-------------------------------------|---------------------------------------------------------------------|------------------|----------------|
| Product Name                        | Aronia Powder                                                       | Report Number    | ARN20211130    |
| Botanical Name                      | Aronia melanocarpa                                                  | Manufacture Date | 2021/11/05     |
| Used Part                           | Fruit                                                               | Analysis Date    | 2021/11/10     |
| Batch Number                        | ARN211105                                                           | Report Date      | 2021/11/15     |
| Batch Quantity                      | 400Kg                                                               | Expiry Date      | 2024/11/04     |
| Test Items                          | Specifications                                                      | Result           | Test Methods   |
| <b>Physical &amp; Chemical Data</b> |                                                                     |                  |                |
| Appearance                          | Purple Red Powder                                                   | Conforms         | Visual         |
| Odor and Taste                      | Characteristic                                                      | Conforms         | Organoleptic   |
| Sieve analysis                      | 90% through 80 mesh                                                 | Conforms         | 80 Mesh Screen |
| Solubility                          | Soluble in water                                                    |                  |                |
| Loss on Drying                      | ≤10.0 %                                                             | 3.29%            | 105°C/2 hrs    |
| Total Ash                           | ≤5.0 %                                                              | 2.93%            | GB 5009.6      |
| <b>Contaminants</b>                 |                                                                     |                  |                |
| Lead (Pb)                           | <3.0mg/kg                                                           | Conforms         | ICP-MS         |
| Arsenic (As)                        | <2.0mg/kg                                                           | Conforms         | ICP-MS         |
| Cadmium (Cd)                        | <1.0mg/kg                                                           | Conforms         | ICP-MS         |
| Mercury (Hg)                        | <0.1mg/kg                                                           | Conforms         | ICP-MS         |
| <b>Microbiological</b>              |                                                                     |                  |                |
| Total Aerobic Count                 | ≤1000cfu/g                                                          | 125cfu/g         | GB 4789.2      |
| Yeast & Moulds                      | ≤100cfu/g                                                           | 30cfu/g          | GB 4789.15     |
| E-Coli                              | Negative                                                            | Conforms         | GB 4789.3      |
| Salmonella                          | Negative                                                            | Conforms         | GB 4789.4      |
| Staphylococcus Aureus               | Negative                                                            | Conforms         | GB 4789.10     |
| <b>Conclusion</b>                   |                                                                     |                  |                |
| Conclusion                          | To be complied with in-house Specification                          |                  |                |
| Shelf Life                          | 3 years when properly stored.                                       |                  |                |
| Storage                             | Store in cool & dry place, not freeze. Keep away from strong light. |                  |                |

**Remarks:** This product is natural, the color vary from batch to batch.

Tested by: 3K 7A LAP

Checker: 李明

Approved:

