



# Product Specification

## AnthoCherry

(*Prunus cerasus*)



**Product Code:** 24334000

**Product Description:** Pure tart cherry (*Prunus cerasus*) extract, spray-dried with maltodextrin as an excipient.

### Product Properties

|                 |   |
|-----------------|---|
| Color           | Purple-red  |
| Appearance      | Powder, uniform particles, hygroscopic                                  |
| Taste           | Characteristic of tart cherry   |
| Odor            | Characteristic of tart cherry   |
| Mesh size       | > 83% through 20 mesh<br>> 8% through 60 mesh<br>> 11% through 140 mesh |
| Excipient       | Maltodextrin (10-30%)   |
| Identity        | HPLC anthocyanin profile unique to tart cherry                          |
| Plant part used | Fruit   |

### Analytical Values

|                                    |             | Spec. |
|------------------------------------|-------------|-------|
| Moisture ( <i>Loss on drying</i> ) | 1.0-12.0    | %     |
| Anthocyanins ( <i>UV</i> )         | ≥ 0.8       | %     |
| Tapped density                     | 0.600-1.090 | g/mL  |
| Gluten                             | < 19.00     | ppm   |

### Heavy Metals and Pesticides

|                         |   | Spec. |
|-------------------------|---|-------|
| Lead ( <i>A.A.</i> )    | < 0.33                                    | ppm   |
| Arsenic ( <i>A.A.</i> ) | < 3.00                                    | ppm   |
| Cadmium ( <i>A.A.</i> ) | < 3.00                                    | ppm   |
| Mercury ( <i>A.A.</i> ) | < 3.00                                    | ppm   |
| Pesticides              | Conforms to USP <561> pesticide standards |       |

### Microbiological Values

|  |             | Spec.    |
|--|-------------|----------|
| Yeast ( <i>USP &lt;2021&gt;</i> )                | < 5,000     | CFU/g    |
| Mold ( <i>USP &lt;2021&gt;</i> )                 | < 5,000     | CFU/g    |
| Total Plate Count ( <i>USP &lt;2021&gt;</i> )    | < 1,000,000 | CFU/g    |
| Total Coliforms (FDA BAM)                        | < 3.0       | MPN/g    |
| <i>E. coli</i> ( <i>USP &lt;2022&gt;</i> )       | < 10        | CFU/g    |
| <i>Salmonella</i> ( <i>USP &lt;2022&gt;</i> )    | Absent      | CFU/10 g |
| <i>Staph. aureus</i> ( <i>USP &lt;2022&gt;</i> ) | Absent      | CFU/10 g |

**Country of Origin:** China (manufacturing), Europe or US (raw materials)

**Packaging:** Packed in an aluminum bag in a corrugate box, 20 kg net

**Storage:** The product must be stored in a dark, cool, and dry area. Keep the package well-sealed since the product is hygroscopic. Color may change at the end of shelf life.

**Best Used By:** 24 months after production date under proper storage conditions

Quality Assurance

The information contained herein is, to the best of our knowledge, correct. The data outlined and the statements made are intended only as a source of information. No warranties, expressed or implied, are made. On the basis of this information, it is suggested that you evaluate the product on a laboratory scale prior to use in a finished product.

## Customer Approval

*I acknowledge and agree to the above specifications. Any parameters outside of these would not fall within the scope of the product specifications. Please return this specification sheet signed for approval otherwise we consider it accepted.*

Name (print):

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Signature:

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Title:

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Date:

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