

## Product Specification Sheet

### Product Name: Asparagus Root Powder

| Item                  | Specification            | Test Method  |
|-----------------------|--------------------------|--------------|
| Botanical Name        | Asparagus officinalis L. | —            |
| Part Used             | Root                     | —            |
| Appearance            | Fine powder              | Visual       |
| Color                 | Light brown to brown     | Visual       |
| Odor                  | Characteristic           | Organoleptic |
| Taste                 | Characteristic           | Organoleptic |
| Particle Size         | 95% through 80 mesh      | USP <786>    |
| Bulk Density          | 0.3-0.6 g/mL             | USP <616>    |
| Loss on Drying        | < 8.0%                   | USP <731>    |
| Ash Content           | < 10.0%                  | USP <281>    |
| pH (1% solution)      | 4.0-7.0                  | USP <791>    |
| Heavy Metals          | < 10 ppm                 | USP <232>    |
| Lead (Pb)             | < 2 ppm                  | USP <232>    |
| Arsenic (As)          | < 2 ppm                  | USP <232>    |
| Cadmium (Cd)          | < 1 ppm                  | USP <232>    |
| Mercury (Hg)          | < 0.1 ppm                | USP <232>    |
| Total Plate Count     | < 10,000 CFU/g           | USP <2021>   |
| Yeast & Mold          | < 1,000 CFU/g            | USP <2021>   |
| E. coli               | Negative/10g             | USP <2022>   |
| Salmonella            | Negative/25g             | USP <2022>   |
| Coliform              | Negative/10g             | USP <2022>   |
| Staphylococcus aureus | Negative/10g             | USP <2022>   |

### Storage Conditions:

Store in a cool, dry place away from direct sunlight. Keep container tightly closed.

### Shelf Life:

36 months from date of manufacture when stored properly

Date: August 10, 2025