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# Product Specification Sheet

## Product Name: Flax Seed Powder (20 mesh)

| Item | Specification | Test Method |
|---|---|---|
| Botanical Name | Linum usitatissimum | — |
| Part Used | Seed | — |
| Appearance | Fine powder | Visual |
| Color | Light brown to brown | Visual |
| Odor | Characteristic, nutty | Organoleptic |
| Taste | Characteristic, nutty | Organoleptic |
| Particle Size | 100% through 20 mesh | USP <786> |
| Bulk Density | 0.4-0.7 g/mL | USP <616> |
| Loss on Drying | < 8.0% | USP <731> |
| Ash Content | < 5.0% | USP <281> |
| pH (1% solution) | 5.5-7.0 | USP <791> |
| Alpha-Linolenic Acid (ALA) | > 18% | GC-FID |
| 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: December 6, 2025