

Certificate of Analysis

Vegan Instantized EAA Powder

Code:

Lot No.: 63611-18310C3

Date of Manufacture: 03/10/2023

Description: Synnovo™ Vegan Instantized EAA Powder 09B BM02 SF is a mixture of nine amino acids formulated through a patented microencapsulation process. All ingredients are from fermentation.

| Tests | | Limits | Methods | Results |
|---------------------------------|-------|--------------------------------|-------------|----------|
| Appearance | | White to off-white fine powder | Visual | Conforms |
| L-Leucine | % | 32.0-42.0 | M/DYN | 36.9 |
| L-Isoleucine | % | 6.5-11.5 | M/DYN | 9.5 |
| L-Valine | % | 6.5-11.5 | M/DYN | 10.0 |
| L-Threonine | % | 6.5-9.5 | M/DYN | 7.3 |
| L-Lysine HCL | % | 15.5-20.5 | M/DYN | 17.6 |
| L- Methionine | % | 1.5-4.5 | M/DYN | 2.6 |
| L-Histidine | % | 0.5-3.5 | M/DYN | 1.8 |
| L- Phenylalanine | % | 2.5-5.5 | M/DYN | 3.6 |
| L –Tryptophan | % | 0.5-3.5 | M/DYN | 1.7 |
| Bulk Density | g/mL | 0.50-0.70 | USP <616> | 0.60 |
| Particle Size (through 40 mesh) | % | ≥95.0 | USP <786> | Conforms |
| Loss on Drying | % | ≤1.0 | USP <731> | 0.1 |
| Residue on Ignition | mg/kg | ≤0.40 | USP <281> | 0.12 |
| Heavy Metals (as Pb) | mg/kg | ≤10 | M/DYN | Conforms |
| Arsenic | mg/kg | ≤1.00 | USP <233> | Conforms |
| Total Plate Count | CFU/g | ≤3,000 | ISO 4833-1 | Conforms |
| Yeasts and Molds | CFU/g | ≤100 | ISO 21527 | Conforms |
| Coliform (CFU/g) | CFU/g | ≤10 | ISO 4832 | Conforms |
| E. coli | /g | Negative | ISO 16649-3 | Conforms |
| Salmonella | /25g | Negative | ISO 6579-1 | Conforms |
| Staphylococcus aureus | /25g | Negative | ISO 6888-3 | Conforms |

Packaging: 20kg in closed polyethylene bag within heat sealed in aluminum bag and packed in corrugated paper carton.

Storage and Handling: Store in a dry place and keep away from strong odors at room temperature.

Shelf Life: Two years in the original package. It is recommended to use the entire content after opening.

Approval: _____

Date: 03/20/2023

DISCLAIMER

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