

CERTIFICATE OF ANALYSIS

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|---------------------|-------------------------------------|-------------------------|----------|
| Product Name | EAAS (Essential Amino Acids Powder) | | |
| Batch Number | 20240815 | Manufacture Date | 20240815 |
| Report Date | 20240815 | Expiry Date | 20260814 |

| Item of Analysis | Specification | Results |
|---------------------|---------------------------|--------------|
| Appearance | White to off-white powder | White powder |
| Assay | ≥90.0% | 99.3% |
| L-Tryptophan | 1.5%-3.5% | 1.5% |
| L-Hsitidine | 5.5%-7.5% | 5.8% |
| L-Methionine | 8.0%-10.0% | 8.6% |
| L-Threonine | 8.5%-11.5% | 9.7% |
| L-Isoleucine | 7.5%-10.5% | 8.6% |
| L-Lysine | 16.5%-19.5% | 18.6% |
| L-Phenylalanine | 14%-17% | 15.3% |
| L-Valine | 10.0%-13.0% | 11.7% |
| L-Leucine | 18.0%-21.0% | 19.5% |
| Sunflower lecithin | 0.5%-1.0% | 0.8% |
| Bulk density | 0.4-0.6g/ml | Conforms |
| Particle size | ≥90.0% pass 40mesh | Conforms |
| Heavy metals(As pb) | ≤10ppm | <10ppm |
| Lead | ≤3ppm | <3ppm |
| Cadmium | ≤1ppm | <1ppm |
| Arsenic | ≤1ppm | <1ppm |
| Mercury | ≤0.1ppm | <0.1ppm |
| Loss on drying | ≤1.0% | 0.28% |
| Residue on ignition | ≤0.40% | 0.14% |
| Total plate Count | ≤3000cfu/g | Conforms |
| Yeasts and Molds | ≤100cfu/g | Conforms |
| Escheria Coli | Absence | Conforms |
| Salmonella | Absence/25g | Conforms |

Storage: Store in tight, light-resistant containers, avoid exposure to direct sunlight, moisture and excessive heat.

Shelf Life: 24 months if store under the conditions above and stay in original packaging.

