



无锡金海岸生物科技有限公司

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CERTIFICATE OF ANALYSIS

PRODUCT NAME: AMINO ACID BLEND SHELF LIFE: 2YEARS
 BATCH NO: LDC***** REPORT DATE:
 PRODUCTION DATE: QUANTITY:1000KGS
 QUALITY: IN-HOUSE SATNDARDS

| Tests | Limits | Test results |
|---|---|--------------|
| Description | White granules | Conforms |
| Identification (IR) | Meets the requirements | Conforms |
| Binder Content(HPMC) | ≤2.0 % | 1.18% |
| Content of Leucine | 46.5%~51.0% | 48.95% |
| Content of Valine | 23.3%~25.9% | 24.49% |
| Content of Isoleucine | 23.3%~25.9% | 24.26% |
| PH | 5.5~6.5 | 6.03 |
| Loss on drying | ≤0.50% | 0.24% |
| Loose Bulk Density | ≥0.50g/ml | 0.54g/ml |
| Tapped Density | ≥0.55g/ml | 0.58g/ml |
| Heavy metals(Pb) | ≤10ppm | <10ppm |
| Lead Content | ≤0.5ppm | <0.5ppm |
| Arsenic(As) | ≤1ppm | <1ppm |
| Residue on ignition | ≤0.40% | 0.14% |
| Total plate count | ≤3000cfu/g | Conforms |
| Yeast and Moulds | ≤300cfu/g | Conforms |
| E.Coli | Absent | Not-detected |
| Salmonella | Absent | Not-detected |
| Coli Forms | ≤10cfu/g | Conforms |
| Staphylococcus aureus | Absent | Not-detected |
| Pseudomonas Aeruginosa | Absent | Not-detected |
| Particle Size Range | ≥90% through 16 mesh 60.0%-90.0% between 20 to 80 mesh ≤15% through 80 mesh | Conforms |
| Conclusion: Passed test according to the In-house Standard. | | |



Inspector:Guoqin Zou

Checker: Fengzhu Xu

Director:Deming Cao