



Unilong Industry Co., Ltd

Add: No.8 Bldg Shuntai, No.2000 Shunhua Rd, High-Tech Zone , Jinan City, Shandong Province, China

CERTIFICATE OF ANALYSIS

| | | | |
|---|---------------------------|---------------|---------------|
| Product Name: | 3-0-Ethyl-L-ascorbic acid | Batch No. | JL20220903 |
| Cas | 86404-04-8 | MF Date | 2022.09.03 |
| Packing | 25KGS/DRUM | Analysis Date | 2022.09.03 |
| Quantity | 1000KGS | Expiry Date | 2024.09.03 |
| Inspection | | Standard | Result |
| APPEARANCE | | White crystal | White crystal |
| Melting Range | | 111.0~116.0°C | 113.3-115.4°C |
| pH | | 3.5~5.0 | 4.2 |
| Residue on ignition | | ≤0.1% | Conforms |
| Loss on drying | | ≤0.5% | 0.16% |
| Heavy metal | | ≤10ppm | Conforms |
| Free vitamin C | | ≤0.1% | 0.04 |
| Assay(HPLC) | | ≥99.0% | 99.8% |
| Purity(HPLC) | | ≥99.0% | 99.5% |
| Bacteria total | | ≤100 cfu/g | ≤100 cfu/g |
| Mould and yeast total | | ≤50 cfu/g | ≤50 cfu/g |
| Staphylococcus aureus | | Negative | Negative |
| Pseudomonas aeruginosa | | Negative | Negative |
| Conclusion:Complies with the requirements of enterprise | | | |

Analyst: Wen Qian

Quality Assurance Officer: Zhan Peng