



CERTIFICATE OF ANALYSIS

ProductName: Sodium Erythorbate
 Batch No.: HY20251112
 Quantity: 28000 KG
 PO.No.:
 MFG. Date: Nov. 12, 2025
 EXP. Date: Nov. 11, 2027
 Test Date: Nov. 13, 2025

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Basis of Analysis:

Chemical and Physical Properties

| Test Items | Test Parameters | Test Results |
|---|---|--------------|
| Appearance | White Crystalline Powder | Conforms |
| Identification | Positive | Conforms |
| Assay(C ₆ H ₇ O ₆ Na·H ₂ O) | 98.0%~100.5% | 99.1% |
| Specific rotation[α] _{p25} | +95.5°~+98.0° | +96.3° |
| PH | 5.5-8.0 | 7.2 |
| Loss on drying | max.0.25% | 0.038% |
| Test for Sodium | Passes Test | Passes Test |
| Ascorbic Acid/Color reaction | Passes Test | Passes Test |
| Solubility | Freely soluble in water, very slightly soluble in ethanol | Conforms |

Microbiological

| | | |
|-----------------------------|--------------|--------------|
| Staphylococcus Aureus CFU/g | <10 | Not Detected |
| Mould CFU/g | <10 | Not Detected |
| Yeast CFU/g | <10 | Not Detected |
| Aerobic plate count CFU/g | <10 | Not Detected |
| Coliforms CFU/g | <10 | Not Detected |
| Salmonella/25g- | Not Detected | Not Detected |
| Escherichia coli CFU/g | Not Detected | Not Detected |

Heavy Metals

| | | |
|----------------------|-------------|--------------|
| Heavy metals [as Pb] | max.10ppm | Not Detected |
| Lead | max.2ppm | Not Detected |
| Mercury | max.1ppm | Not Detected |
| Arsenic | max.3ppm | Not Detected |
| Oxalate | Passes Test | Passes Test |

Conclusion: This product meets the standard requirement of Codex advisory specification for the identity and purity of food additive. The goods comply with FCC / E316 Standard Certified.

We hereby certify that above is true and correct.

Analyst: Liu Huanfeng

Quality Manager: Guan Aiqing

