



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($C_6H_7O_6Na \cdot H_2O$)	98.0%~100.5%	99.1%
Specific rotation $[\alpha]_{D25}$	+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

