



ZHEJIANG MEDICINES & HEALTH PRODUCTS
IMPORT & EXPORT CO., LTD.

CERTIFICATE OF ANALYSIS

Commodity: Sodium D-isoascorbate, Sodium Erythorbate

Batch No.: 20150419

Date of testing: Apr 20, 2015

Quantity: 20Mt

Date of manufacturing: Apr 19, 2015

E316 Standard

Date of expiry: Apr 18, 2017

Test Items	Test Parameters	Test Results
Description	White crystalline solid	Conforms
Identification	Passes test A,B,C	Conforms
Oxalate	Passes Test	Conforms
Assay($C_6H_7O_6Na \cdot H_2O$)	98.0% Min.	98.9%
Specific rotation $[\alpha]_D^{25}$	+95.5° ~ +98.0°	+97.3°
pH(10% Aqueous solution)	5.5~8.0	7.5
Lead(mg/kg)	2 Max	Less than 2PPM
Heavy metals(mg/kg, as Pb)	10 Max	Less than 10PPM
Arsenic(mg/kg)	3 Max	Less than 3PPM
Mercury(mg/kg)	1 Max	Not detected
Loss on drying	0.25% Max	0.05%

Conclusion: The product conforms to E316.

We hereby certify that above is true and correct.

Checker: Wang Shunhai

Analyst: Wu Chunsun