



ORCHID CHEMICAL SUPPLIES LTD

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# 分 析 单

## CERTIFICATE OF ANALYSIS

CERT. NO. BATCH NO. **140113**  
PRODUCT NAME L-Ascorbyl 6-palmitate CAS NO. 137-66-6  
MANUFACTURE DATE 13<sup>TH</sup> JAN.,2014 REPORT DATE 13<sup>TH</sup> JAN.,2014

ITEMS	SPECIFICATIONS	RESULTS
Appearance	A white or yellow-white powder	Conform
Assay(on dried basis)	98.0%-100.5%	98.34%
Whiteness matter	Not less than 68	91.2
State of solution	Clear and not more than BY <sub>4</sub>	Conform
Optical rotation	+21° - +24°	+22.0°
Melting range	107-117°C	109-110°C
Loss on drying	Not more than 0.8%	0.28%
Residue on ignition	Not more than 0.1%	0.027%
Bacteria amount	Not more than 1000cfu/g	Less than 10 cfu/g
Coliforms bacteria	Not more than 30 MPN/100g	Less than 30 MPN/100g
Pathogenic bacteria (salmonella, shigella, Staphylococcus aureus)	Negative	Negative
Heavy metal	Not more than 4ppm	0.05ppm
Lead	Not more than 3ppm	0.01ppm
Arsenic	Not more than 1ppm	0.01ppm
Cadmium	Not more than 1ppm	0.001pm
Mercury	Not more than 0.01ppm	0.001ppm
Identification	Positive	Positive

### CONCLUSION

CONFORMS WITH STANDARD

APPROVED BY: BAI HE

CHECKED BY: TAO SUN

TESTED BY: WAN CHENG

SIGNED BY \_\_\_\_\_

