



石药集团 维生药业 (石家庄) 有限公司
 CSPC WEISHENG PHARMACEUTICAL (SHIJIAZHUANG) CO., LTD.



Certificate of Analysis

COA NO.: 16011990

Product: Ascorbic Acid
 Batch Number: 1151220719
 Manufacture Date: Dec. 28, 2015

Analysis Standard: BP2015/USP38
 Quantity: 18000kg
 Expiry Date: Dec. 27, 2018

Analysis contents	Analysis standard	Analysis results
Characteristics	White or almost white crystalline powder or colourless crystals	Pass
Identification	Positive reaction	Pass
Melting point	About 190°C	190°C
Specific rotation	+20.5°~+21.5°	+21.0°
pH	2.1~2.6	2.4
Residue on ignition	≤0.1%	0.04%
Assay	99.0%~100.5%	99.8%
Heavy metals	≤10ppm	<10ppm
Clarity of solution	Clear	Pass
Color of solution	≤BY ₇	<BY ₇
Impurity E	≤0.2%	<0.2%
Copper	≤5ppm	<5ppm
Iron	≤2ppm	<2ppm
Arsenic	≤3ppm	<3ppm
Microbiology		
Total plate count	≤1000 cfu/g	<1000 cfu/g
E.coli	Negative	Negative
Salmonella	Negative	Negative
Enterobacteriaceae	Conforms	<10 cfu/g
Yeasts and molds	≤100 cfu/g	<100 cfu/g

Conclusion: The above product conforms with BP2015/USP38 standard.

QC Rechecker Writer

Manufacturer: CSPC Weisheng Pharmaceutical (Shijiazhuang) Co., Ltd.

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