



SHANDONG LUWEI PHARMACEUTICAL CO.,LTD

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SPECIFICATION SHEET

Product Name	Ascorbic Acid	
Analysis Standard	BP2016/USP39/EP8.8/FCC10/E300/GB14754-2010	
Shelf life	3 years	
Analysis Contents	Analysis Standard	
Characteristics	White Crystalline Powder	
Identification	Positive Reaction	
Melting Point	189°C-193°C	
PH(2% solution)	2.4-2.8	
PH(5% solution)	2.1-2.6	
Clarity Of Solution	Clear	
Colour Of Solution	BY ₇ max	
Copper	5ppm max	
Heavy Metals(as Pb)	10ppm max	
Iron	2ppm max	
Arsenic	1ppm max	
Lead	2ppm max	
Mercury	0.1ppm max	
Cadmium(Cd)	1ppm max	
Related Substances	Impurity C	0.15% max
	Impurity D	0.15% max
	Unspecified Impurities	0.1% max
	Total	0.2% max
Loss of drying	0.4% max	
Oxalic Acid	0.2% max	
Sulphate Ash	0.1% max	
Specific Optical Rotation	+20.5°-+21.5°	
Residual Solvents	Pass	
Assay	99.0% - 100.5%	
Total Plate Count	100 cfu/g max	
E-coli	Negative	
Yeast and Mold	100 cfu/g max	
Pseudomonas	Negative	
Staphylococcus	Negative	
Salmonella	Negative	
Conclusion	BP2016/USP39/EP8.8/FCC10/E300/GB14754-2010	

For and on behalf of
山东鲁维制药有限公司
SHANDONG LUWEI PHARMACEUTICAL CO.,LTD.

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Authorized Signature(s)