



SHANDONG LUWEI PHARMACEUTICAL CO.,LTD

SHUANGFENG INDUSTRIAL PARK ZICHUAN DISTRICT ZIBO CITY SHANDONG CHINA

Tel:0086-533-5331415

Fax:0086-533-5331412

SPECIFICATION SHEET

Date:May10,2016

Product Name	Ascorbic Acid	
Shelf life	3years	
Analysis Contents	Analysis Standard	Analysis Method
Characteristics	White Crystalline Powder	Visual
Identification	Positive Reaction	Infrared absorption spectrum
Melting Point	About 190°C	Melting point detector
PH(2% aqueous solution)	2.4-2.8	PH gauge
PH(5% aqueous solution)	2.1-2.6	PH gauge
Clarity Of Solution	Clear	Colorimetry
Colour Of Solution	BY ₇ max	Colorimetry
Copper	5ppm max	Atomic absorption method
Heavy Metals	10ppm max	Colorimetry
Iron	2ppm max	Atomic absorption method
Arsenic	3ppm max	Atomic absorption method
Lead	2ppm max	Atomic absorption method
Mercury	1ppm max	Atomic absorption method
Cadmium	1ppm max	Atomic absorption method
Loss of drying	0.4% max	Method of loss of weight
Oxalic Acid	0.2% max	Turbidimetry
Sulphate Ash	0.1% max	Residue on ignition method
Specific Optical Rotation	+20.5°—+21.5°	Polarimeter
Organic Volatile Impurities	Pass	Chromatography
20-80Mesh	About 80%	Laser Particle Analyzer
Assay	99.0%-100.5%	Oxidation-reduction titration
Conclusion	BP2015/USP38/FCC VIII/E300/EP8.5	

Authorized Signature(s)

BRENNTAG

Brenntag Quimica, S.A.U.
C/ Torre de los Herberos, 10
P.I. La Isla
41703 Dos Hermanas (Sevilla)
España
www.brenntag.es Tfn +34 954 91 94 00

Brenntag Portugal, Lda
Rua Mourisca, 26 e 32, Linhó
2710-327 Sintra
Portugal
www.brenntag.pt
Tfn +351 21 924 88 00