



# Unilong Industry Co., Ltd

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## CERTIFICATE OF ANALYSIS

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			Date: AUG.04.2023
Product Name	ASCORBIC ACID	Batch No.	1230112097
Analysis Standard	BP2016/USP39/FCCVIII/E300	Quantity	6200KGS
Manufacture Date	FEB.2023	Expiry Date	JAN.2026

Analysis Contents	Analysis Standard	Analysis Results
Characteristics	White or almost White crystals Crystalline Powder	Pass
Identification	Positive Reaction	Positive
Melting Point	About 190°C	191.1°C
PH(with 5% water solution)	2.1-2.6	2.37
Clarity Of Solution	Clear	Clear
Colour Of Solution	≤BY <sub>7</sub>	<BY <sub>7</sub>
Copper	≤5ppm	<5ppm
Heavy Metals	≤10ppm	<10ppm
Mercury	≤0.1ppm	<0.1ppm
Lead	≤0.4ppm	<0.4ppm
Arsenic	≤3ppm	<3ppm
Oxalic Acid	≤0.2%	<0.2%
Iron	≤2ppm	<2ppm
Impurity E	≤0.2%	<0.2%
Loss of Drying	≤0.4%	<0.4%
Sulphate Ash(Residue On Ignition)	≤0.1%	<0.1%
Specific Optical Rotation	+20.5。 - +21.5。	+20.86。
Residual Solvents	Pass	Pass
Assay	99.0%-100.5%	99.52%
Conclusion	<b>The Above-Mentioned Product Conforms To BP2016/USP39/FCCVIII/E300</b>	

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