



## CERTIFICATE OF ANALYSIS

Date: JAN.10.2017

Product Name	ASCORBIC ACID
Analysis Standard	BP2015/USP38/FCC9/E300
Batch No.	201701028
Quantity	23000kg
Manufacture Date/Expiry Date	JAN.2017/JAN.2020
Shelf Life	3 Years
Net/Gross Weight	25.0kgs/26.3kgs

Analysis Contents	Analysis Standard	Analysis Results
Characteristics	White or almost White crystals Crystalline Powder	Pass
Identification	Positive Reaction	Positive
Melting Point	About 190°C	190.8°C
PH	2.4-2.8	2.42
Clarity Of Solution	Clear	Clear
Colour Of Solution	≤BY <sub>7</sub>	<BY <sub>7</sub>
Copper	≤5ppm	<5ppm
Heavy Metals	≤10ppm	<10ppm
Mercury	<0.1mg/kg	<0.1mg/kg
Lead	<2mg/kg	<2mg/kg
Arsenic	≤3ppm	<3ppm
Cadmium(Cd)	<1mg/kg	<1mg/kg
Oxalic Acid	≤0.2%	<0.2%
Iron	≤2ppm	<2ppm
Loss of Drying	≤0.4%	<0.4%
Sulphate Ash(Residue On Ignition)	≤0.1%	<0.1%
Specific Optical Rotation	+20.5° - +21.5°	+21.17°
Mesh	40-80 Mesh	Pass
Organic Volatile Impurities	Pass	Pass
Assay	99.0%-100.5%	99.72%
Conclusion	The Above-Mentioned Product Conforms To BP2015/USP38/FCC9/E300	

The Soap Kitchen  
Unit 8 Caddsdwn Industrial Park, Clovelly Road, Bideford,  
Devon EX39 3DX

Tel: 01237 420872 (+44 (0)1237 420872)

Email: it@thesoapkitchen.co.uk