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CERTIFICATE OF ANALYSIS

Date: Oct. 17, 2016		
Product Name	ASCORBIC ACID	
Analysis Standard	FCC/KOSHER/BP2012/E300/EP6.5	
Batch No.	201610081	
Order No.:	58010428913	
Quantity	22,000kgs	
Manufacture Date	Oct., 2016	
Expiry Date	Sep., 2019	
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	190.2°C
PH(2% solution in water)	2.4-2.8	2.58
PH(5% solution in water)	2.1-2.6	2.38
Clarity Of Solution	Clear	Clear
Colour Of Solution	≤BY ₁	≤BY ₁
Copper	≤5ppm	≤5ppm
Heavy Metals	≤10ppm	≤10ppm
Mercury	≤1ppm	≤1ppm
Lead	≤2ppm	≤2ppm
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°	+21.04°
Organic Volatile Impurities	Pass	Pass
Assay	99.0%-100.5%	99.75%
Conclusion	The Above-Mentioned Product Conforms To FCC/KOSHER/BP2012/E300/EP6.5	

Approval: [Signature]

Rechecker: Wang Jing

Tester: Li Bin