

CERTIFICATE OF ANALYSIS

Date: Sep.10,2015

Product Name	ASCORBIC ACID	
Analysis Standard	FCC/KOSHER/BP2012/E300/EP7.0	
Batch No.	201509004	
Order No.	4521451642	
Quantity	18000kgs	
Manufacture Date	Sep.,2015	
Expiry Date	Aug.,2018	
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	190.5°C
PH(2% solution in water)	2.4-2.8	2.60
PH(5% solution in water)	2.1-2.6	2.43
Clarity Of Solution	Clear	Clear
Colour Of Solution	≤BY ₇	<BY ₇
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°	+21.06°
Organic Volatile Impurities	Pass	Pass
Assay	99.0%-100.5%	99.80%
Conclusion	The Above-Mentioned Product Conforms To FCC/KOSHER/BP2012/E300/EP7.0	

E300 is complies with Reg EU 231/2012

Authorized Signatures)