



Certificate of Analysis

Product Name:	Ascorbic Acid (BP2004/USP28)		
Quantity:	5000KG	Batch No.:	0808411259
Manufacturing Date:	Aug. 27, 2008	Expiry Date:	Aug.26, 2010
<u>Items</u>	<u>Specification</u>	<u>Test Result</u>	
Appearance	White crystalline powder	Conform	
Identification	Positive	Positive	
Clarity of Solution	Clear	Conform	
Assay	99 ~ 100.5%	99.8%	
Loss on Drying	≤0.1%	0.05%	
Organic Volatile Impurities	Pass the Test	Conform	
PH	2.1 ~ 2.6	2.4	
Colour of Solution	≤BY7	< BY7	
Specific Rotation	+20.5° ~ +21.5°	+21.0°	
Oxalic Acid	≤0.2%	<0.2%	
Sulphate Ash	≤0.1%	0.03%	
Total Heavy Metals	≤10ppm	<10ppm	
As	≤3ppm	<3ppm	
Pb	≤2ppm	<2ppm	
Zinc	≤25ppm	<25ppm	
Copper	≤5ppm	<5ppm	
Iron	≤2ppm	<2ppm	
Mercury	≤1ppm	<1ppm	
Total Plate	≤10 ³ CFU/G	Conform	
Mound	≤10 ² CFU/G	Conform	
E.Coli	Negative	Negative	
Conclusion: The quality conforms to the requirement of BP2004/USP28			

