

**Qingdao Twell Sansino Import & Export Co.,Ltd.**  
**青岛达威圣诺进出口有限公司**

Certificate of Analysis

Product Name: Citric Acid Monohydrate	Batch No. 2MT1403064	Production Date: 2014/03	Quantity	25MT
		Expiry Date: 2016/03		
ITEM		UNIT	BP/USP/FCC/E330 Standards	Analysis Results
Description		----	Colorless Crystals or White Crystalline Powders	Pass
Identification		----	Pass Test	Pass
Clarity & Color Solution		----	Clear in 20% Water Solution	Pass
Content		%	99.5~100.5	99.8
Sulphate		PPM	≤150	10
Oxalate		PPM	≤100	10
Heavy Metal (as Pb)		PPM	≤5	1
Barium		----	Pass	Pass
Calcium		PPM	≤75	10
Iron		PPM	≤5	1
Chloride		PPM	≤50	5
Sulphated Ash		%	≤0.05	0.02
Water		%	7.5-8.8	8.6
Readily Carbonisable Substances		----	Less than Standard	Pass
Lead		PPM	≤0.5	0.1
As		PPM	≤1	0.1
Mercury		PPM	≤1	0.1
Aluminum		PPM	≤0.2	0.2
BacteriaEndotoxin		IU/ mg	≤0.5	0.1
Organic Volatile Impurities		----	Pass	Pass
Tridodecylamine		PPM	≤0.1	0.1
Ultraviolet Absorbance		----	Pass	Pass
Conclusion: The product is in conformity with BP/USP/FCC/E330.				
Analysis date: Mar. 30, 2014		INSPECTOR: : 张海玲		CHECKER: 王红会