CERTIFICATE OF SPECIFICATION

PRODUCT NAME： TRI-SODIUM CITRATE DIHYDRATE

MANUFACTURER：
TTCA CO., LTD.
NO.27，XIN'AN NAN ROAD,ANQIU,SHANDONG,CHINA
TEL：+86 536 2262229 FAX：+86 536 4221500

THIS IS TO CERTIFY THAT THE COMMODITY TTCA CO., LTD SUPPLIED IS IN COMPLIANCE WITH THE BELOW SPECIFICATIONS:

NO.	ITEM	BP2018	E331	USP41	EP8.0	FCC7	TTCA ENTERPRISE SPECIFICATION
1	CHARACTERS	COLORLESS OR WHITE CRYSTAL	COLORLESS OR WHITE CRYSTAL	/	COLORLESS OR WHITE CRYSTAL	COLORLESS OR WHITE CRYSTAL	COLORLESS OR WHITE CRYSTAL
2	IDENTIFICATION	PASS THE TEST	PASS THE TEST	PASS THE TEST	PASS THE TEST	PASS THE TEST	PASS THE TEST
3	LIGHT TRANSMITTANCE	/	/	/	/	/	≥95%
4	CLARITY&COLOUR OF SOLUTION	PASS THE TEST	/	/	PASS THE TEST	/	PASS THE TEST
5	ASSAY	99.0-101.0%	≥99.0%	99.0-100.5%	99.0-101.0%	99.0-100.5%	99.0-100.5%
6	MOISTURE	11.0-13.0%	≤13.5%	10.0-13.0%	11.0-13.0%	10.0-13.0%	11.0-13.0%
7	ACIDITY OR BASICITY	PASS THE TEST	PASS THE TEST	PASS THE TEST	PASS THE TEST	PASS THE TEST	PASS THE TEST
8	SULPHATE	≤150ppm	/	/	≤150ppm	/	<20ppm
9	OXALATE	≤300ppm	≤100ppm	/	≤300ppm	/	<20ppm
10	CALCIUM	/	/	/	/	/	<20ppm
11	HEAVY METALS	≤10ppm	≤5ppm	≤10ppm	≤10ppm	/	<1ppm
12	IRON	/	/	/	/	/	<5ppm
13	CHLORIDE	≤50ppm	/	/	≤50ppm	/	<5ppm
14	READILY CARBONIZABLE SUBSTANCES	NOT EXCEEDING THE STANDARD	/	/	NOT EXCEEDING THE STANDARD	/	K≤1.0
15	TARTRATE	/	/	PASS THE TEST	/	/	PASS THE TEST
16	PYROGEN	PASS THE TEST	/	/	PASS THE TEST	/	PASS THE TEST
17	PH	/	/	/	/	7.5-9.0	7.6-8.9
18	ARSENIC	/	≤1ppm	/	/	/	<1ppm
19	MERCURY	/	≤1ppm	/	/	/	<0.1ppm
20	LEAD	/	≤1ppm	/	PASS THE TEST	≤2ppm	<0.5ppm
21	WATER INSOLUBLE SUBSTANCES	/	/	/	/	/	PASS THE TEST

(STAMP)

山东柠檬生化有限公司
* TTCA Co.,Ltd. *