

MANUFACTURER:

TTCA CO., LTD.

NO.27,XIN AN NAN ROAD, ANQIU,
SHANDONG, CHINA

CERTIFICATE OF ANALYSIS

PRODUCT NAME: TRI-SODIUM CITRATE DIHYDRATE

BP2011 (20-100 MESH)

QUANTITY:1334BAGS/33.35MTS

P/I TTCA 222K48

INVOICE NO.:

TTCA222300

THIS IS TO CERTIFY THAT THE ANALYSIS RESULT OF THE GOODS IS AS FOLLOWS:

NO	ITEM	BP2011	USP35	E331	FCC7	EP8.0	Analysis Results
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 TEST	PASS TEST	PASS TEST	PASS TEST	PASS THE TEST	PASS TEST
3	ACIDITY OR BASICITY	PASS TEST	PASS TEST	PASS TEST	PASS TEST	PASS THE TEST	PASS TEST
4	LIGHT TRANSMITTANCE	/	/	/	/	/	≥95%
5	CLARITY&COLOUR OF SOLUTION	PASS TEST	/	/	/	PASS TEST	PASS TEST
6	ASSAY	99.0-101.0%	99.0-100.5%	≥99.0%	99.0-100.5%	99.0-101.0%	99.8%
7	WATER	11.0-13.0%	10.0-13.0%	≤13.5%	10.0-13.0%	11.0-13.0%	11.75%
8	SULPHATE	≤150ppm	/	/	/	≤150ppm	≤20ppm
9	OXALATE	≤300ppm	/	≤100ppm	/	≤300ppm	≤20ppm
10	CALCIUM	/	/	/	/	/	≤20ppm
11	HEAVY METALS	≤10ppm	≤10ppm	≤5ppm	/	≤10ppm	≤1ppm
12	IRON	/	/	/	/	/	≤5ppm
13	CHLORIDE	≤50ppm	/	/	/	≤50ppm	≤5ppm
14	READILY CARBURETED SUBSTANCES	NOT EXCEEDING THE STANDARD	/	/	/	NOT EXCEEDING THE STANDARD	K≤1.0
15	ARSENIC	/	/	≤1ppm	/	/	≤0.5ppm
16	MERCURY	/	/	≤1ppm	/	/	≤0.1ppm
17	LEAD	/	/	≤1ppm	≤2ppm	PASS THE TEST	≤0.5ppm
18	TARTRATE	/	PASS TEST	/	/	/	PASS TEST
19	PYROGEN	PASS TEST	/	/	/	PASS TEST	PASS TEST
20	PH	/	/	/	7.5-9.0	/	7.6-8.9
21	WATER INSOLUBLE SUBSTANCES	/	/	/	/	/	PASS TEST

(STAMP)

山东柠檬生化有限公司

TTCA Co., Ltd.