

MANUFACTURER:

TTCA CO., LTD.

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



CERTIFICATE OF ANALYSIS

BATCH NO.: M201751

MANUFACTURE DATE: JAN. 2022

EXPIRY DATE: JAN. 2025

QUANTITY: 3520 BAGS/88MTS

PRODUCT NAME:

CITRIC ACID MONOHYDRATE E330 8-80 MESH

DATE:

JAN. 10, 2022

INVOICE NO.:

TTCA212181

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

NO	ITEM	BP2011	E330	USP34	FCC7	ANALYSIS RESULT
1	CHARACTERISTICS	COLORLESS CRYSTAL				QUALIFIED
2	SOLUBILITY	PASS THE TEST				QUALIFIED
3	TRANSPARENCY	TRANSPARENT				TRANSPARENT
4	IDENTIFICATION	PASS THE TEST				PASS THE TEST
5	ASSAY	99.5-100.5%	≥99.50%	99.5-100.5%	99.5-100.5%	99.80%
6	MOISTURE	7.5-9.0%	≤8.8%	7.5-9.0%	≤8.8%	8.57%
7	SULPHATED ASH	≤0.1% CALCINATION AT 600 (+/- 50°C)	≤0.05% CALCINATION AT 600 (+/- 50°C)	≤0.1% CALCINATION AT 600 (+/- 50°C)	≤0.05% CALCINATION AT 600 (+/- 50°C)	0.01%
8	SULPHATE	≤150 PPM	/	≤150 PPM	/	<150 PPM
9	OXALATE	≤360 PPM	≤100 PPM	≤360 PPM	NO TURBIDITY FORMS	<100 PPM
10	CALCIUM	/	/	/	/	<50 PPM
11	HEAVY METALS	≤10 PPM	≤5 PPM	≤10 PPM	/	<5 PPM
12	IRON	/	/	/	/	<10 PPM
13	CHLORIDE	/	/	/	/	<30 PPM
14	BARIUM	/	/	/	/	QUALIFIED
15	READILY CARBURETED SUBSTANCE	STANDARD COLOUR	STANDARD COLOUR	STANDARD COLOUR	≤0.52	LESS THAN STANDARD COLOUR
16	ARSENIC	/	≤1 PPM	/	/	<1 PPM
17	MERCURY	/	≤1 PPM	/	/	<1 PPM
18	LEAD	/	≤0.5 PPM	/	≤0.5 PPM	<0.5 PPM
19	ENDOTOXIN OF GERM	<0.5IU/MG	/	PASS THE TEST	/	<0.5IU/MG
20	ALUMINIUM	≤0.2PPM	/	≤0.2PPM	/	<0.2 PPM
21	Organic Volatile Impurity	/	/	/	/	PASS THE TEST
22	Filtration	/	/	/	/	B-C

CONCLUSION: THE QUALITY OF THE ABOVE SAID COMMODITIES IS IN CONFORMITY WITH STANDARD E330\BP2011\USP34\FCC7.

ORDER NO.: PL/DZB/.../21-I-549

TTCA Co., Ltd

(STAMP)