

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CITIC ACID MONOHYDRATE

MANUFACTURER:
TTCA CO., LTD.
NO.27, XIN'AN NAN ROAD, ANQIU, SHANDONG, CHINA

DATE:
BATCH NO.:
INVOICE NO.:

MANUFACTURING DATE:
EXPIRY DATE:
QUANTITY:

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

NO.	ITEM	EP2018	B330	USP41	EP8.0	FGC7	ANALYSIS RESULT
1	DESCRIPTION	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	ODOR	/	/	/	/	/	ODORLESS
4	LIGHT TRANSMITTANCE	/	/	/	/	/	≥97.0%
5	CLARITY & COLOUR OF SOLUTION	PASS THE TEST	/	PASS THE TEST	PASS THE TEST	/	PASS THE TEST
6	AS SAY	99.5-100.5%	≥99.50%	99.5-100.5%	99.5-100.5%	99.5-100.5%	99.87%
7	MOISTURE	7.5-9.0%	≤8.8%	7.5-9.0%	7.5-9.0%	≤8.8%	8.60%
8	SULPHATED ASH	≤0.1%	≤0.05%	≤0.1%	≤0.1%	≤0.05%	0.02%
9	SULPHATE	≤150ppm	/	≤150ppm	≤150ppm	/	<20ppm
10	OXALATE	≤360ppm	≤100ppm	≤360ppm	≤360ppm	NO TURBIDITY FROMS	<20ppm
11	CALCIUM	/	/	/	/	/	<20ppm
12	HEAVY METALS	≤10ppm	≤5ppm	≤10ppm	≤10ppm	/	<1ppm
13	CHLORIDE	/	/	/	/	/	<5ppm
14	READILY CARBONIZABLE SUBSTANCES	NOT EXCEEDING THE STANDARD	NOT EXCEEDING THE STANDARD	T EXCEEDING THE STANDARD	NOT EXCEEDING THE STANDARD	≥0.5% T≥20	≤1.0
15	ALUMINIUM	≤0.2ppm	/	≤0.2ppm	≤0.2ppm	/	<0.2ppm
16	ARSENIC	/	≤1ppm	/	/	/	<1ppm
17	MERCURY	/	≤1ppm	/	/	/	<0.1ppm
18	LEAD	/	≤1ppm	/	/	≤0.5ppm	<0.5ppm
19	TRIDODECYLAMINE	/	/	/	/	≤0.1ppm	<0.1ppm
20	BACTERIAL ENDOTOXINS	≤0.5IU/mg	/	PASS THE TEST	≤0.5IU/mg	/	<0.5IU/mg
21	WATER INSOLUBLE SUBSTANCES	/	/	/	/	/	FILTRATION TIME NOT MORE THAN 1MIN; FILTER MEMBRANE DOESN'T BASICALLY CHANGE COLOR, VISUAL MOTTLED PARTICLES NOT MORE THAN 3

(STAMP)

TTCA Co., Ltd.