

CERTIFICATE OF ANALYSIS

PRODUCT NAME: CITRIC ACID ANHYDROUS 30-100 TC-221 MESH

DATE:AUG.25,2019

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

ITEM	TC-221	TC-222	TC-223	TC-224	RESULT
CHARACTERISTICS	COLORLESS OR WHITE CRYSTAL				
IDENTIFICATION	PASS THE TEST				
LIGHT TRANSMITTANCE	/	/	/	/	≥98%
CLARITY&COLOUR OF SOLUTION	PASS TEST	/	PASS TEST	/	PASS TEST
ASSAY	99.5-100.5%	≥99.50%	99.5-100.5%	99.5-100.5%	99.89%
WATER	≤1.0%	≤0.5%	≤0.1%	≤1.0%	0.09%
SULPHATED ASH	≤0.1%	≤0.05%	≤0.1%	≤0.1%	≤0.05%
SULPHATE	≤150ppm	/	≤150ppm	PASS TEST	≤30ppm
OXALATE	≤360ppm	≤100ppm	≤360ppm	≤360ppm	≤20ppm
CALCIUM	/	/	/	/	≤20ppm
HEAVY METALS	≤10ppm	≤5ppm	≤10ppm	≤10ppm	≤1ppm
IRON	/	/	/	/	≤1ppm
CHLORIDE	/	/	/	/	≤5ppm
READILY CARBURETED SUBSTANCES	NOT EXCEEDING THE STANDARD	NOT EXCEEDING THE STANDARD	NOT EXCEEDING THE STANDARD	NOT EXCEEDING THE STANDARD	K≤1.0
BACTERIAL ENDOTOXINS	≤0.5IU/mg	/	PASS TEST	/	≤0.5IU/mg
ALUMINIUM	≤0.2ppm	/	≤0.2ppm	/	≤0.2ppm
ARSENIC	/	≤1ppm	/	≤4ppm	≤1ppm
MERCURY	/	≤1ppm	/	/	≤0.1ppm
LEAD	/	≤1ppm	/	/	≤0.5ppm
TRIDODECYLAMINE	/	/	/	/	≤0.1ppm
POLYCYCLIC AROMATIC HYDROCARBONS(PAH)	/	/	/	≤0.05 (260-350nm)	≤0.05 (260-350nm)
ISOCITRIC ACID	/	/	/	PASS TEST	PASS TEST



山東天成化工有限公司

Shandong Tiancheng Chemical Co., Ltd.

WATER INSOLUBLE SUBSTANCES				FILTRATION TIME NOT TMORE THAN 1MIN;FILTER MEMBRANCE DOESN'T BASCIALLY CHANGE COLOR VISUAL MOTTLED PARTICLES NOT MORE THAN 3
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Analyst:Zeng Yan



Auditor:Zhang Yinguang