

CERTIFICATE OF ANALYSIS

CITRIC ACID ANHYDROUS TTCA BRAND

Items	FCC7	A006026	A006028
CHARACTERISTICS	COLORLESS OR WHITE CRYSTAL		
IDENTIFICATION	PASS THE TEST		
LIGHT TRANSMITTANCE	/	≥98%	≥98%
CLARITY&COLOUR OF SOLUTION	/	PASS TEST	PASS TEST
ASSAY	99.5-100.5%	99.9	99.8
WATER	≤0.5%	0.1%	0.1%
SULPHATED ASH	≤0.05%	≤0.05%	≤0.05
SULPHATE	/	≤20ppm	≤20ppm
OXALATE	NO TURBIDITY FORMS	≤20ppm	≤20ppm
CALCIUM	/	≤20ppm	≤20ppm
HEAVY METALS	/	≤1ppm	≤1ppm
IRON	/	≤1ppm	≤1ppm
CHLORIDE	/	≤5ppm	≤5ppm
READILY CARBURETED SUBSTANCES	A≤0.52 T%≥30	K≤1.0	K ≤1.0
BACTERIAL ENDOTOXINS	/	≤0.5 IU/mg	≤0.5 IU/mg
ALUMINUM	/	≤0.2ppm	≤0.2ppm
ARSENIC	/	≤1ppm	≤1ppm
MERCURY	/	≤0.1ppm	≤0.1ppm
LEAD	≤0.5ppm	≤0.5ppm	≤0.5ppm
TRIDODECYLAMINE	≤0.1ppm	≤0.1ppm	≤0.1ppm
POLYCYCLIC AROMATIC HYDROCARBONS(PAH)	/	≤0.05 (260-350nm)	≤0.05 (260-350nm)
ISOCITRIC ACID	/	PASS TEST	PASS TEST
WATER INSOLUBLE SUBSTANCES	/	FILTRATION TIME NOT MORE THAN IMINFILTER MEMBRANCE DOESN'T BASCIALLY CHANGE COLOR VISUAL MOTTLED PARTICLES NOT MORE THAN 3	FILTRATION TIME NOT MORE THAN IMINFILTER MEMBRANCE DOESN'T BASCIALLY CHANGE COLOR VISUAL MOTTLED PARTICLES NOT MORE THAN 3
Conclusion: The product is in conformity with BP/USP/PPC/FCC/E330			
Result		Pass	