

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

0086-536-4221500

Certificate of Analysis

Product: Citric Acid Anhydrous
 Molecular Formula: C₆H₈O₇
 CAS No.: 77-92-9
 Production Date: 2019/10
 Quantity: 50MT

Date: Nov.17.2019
 P/I : TTCA19ZK011
 Batch No: A910314
 Expiry Date: 2022/10

ITEM	Unit	Quality Standards	Analysis Results
Characters	----	White or almost white, crystalline powder, colourless crystals or granules. Odorless, has a strongly acid taste. Effloresces in dry air. Very soluble in water, freely soluble in ethanol.	Pass
Identification	----	Pass Test	Pass
Appearance Of solution	----	Pass Test	Pass
Assay	%	99.5~100.5	99.90
Water	%	≤0.5	0.07%
Readily Carbonisable Substances	----	Pass Test	Pass
Sulphated Ash (Residue on Ignition)	%	≤0.1	≤0.05%
Sulfate	mg/kg	≤150	<150
Oxalate	mg/kg	≤100	≤20
Lead	mg/kg	≤0.5	<0.5
Arsenic	mg/kg	≤1	<0.5
Mercury	mg/kg	≤1	≤0.1
Aluminium	mg/kg	≤0.2	<0.2
Heavy Metals	mg/kg	≤10	<5
Bacteria Endotoxin	IU/mg	≤0.5	<0.5
Citrate		Pass Test	Pass Test
Solubility		Completely soluble in water,	Completely soluble in water.