

# Certificate of Analysis (COA)

**NAME: CITRIC ACID MONOHYDRATE**

**Formula: C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>.H<sub>2</sub>O**

**BRAND NAMES – TTCA / WERFANG**

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## PHYSICAL AND CHEMICAL PROPERTIES

Characters	White or almost white, crystalline powder, colourless crystals or granules. Odorless, has a strong acid taste. Effloresces in dry air. Very soluble in water, freely soluble in ethanol
Identification	Pass
Appearance of Solution	Pass
Assay	99.9 %
Water	8.6 %
Readily Carbonisable Substances	Pass Test
Sulphated Ash (Residue on ignition)	0.02 %
Sulfate	< 150 mg/kg
Oxalate	≤ 100 mg/kg
Lead	≤ 0.5 mg/kg
Arsenic	≤ 1 mg/kg
Mercury	≤ 1 mg/kg

Aluminum	≤ 0.2 mg/kg
Heavy Metals	≤ 10 mg/kg
Bacterial Endotoxins	< 0.5 IU/mg

## REMARKS:

This is to certify that the above mentioned batch has been analyzed at the time of quality release and has been found to be complying with the label claim/prescribed specifications.