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SPECIFICATION

Date:Jan.19,2021

PRODUCT NAME: CITRIC ACID MONOHYDRATE

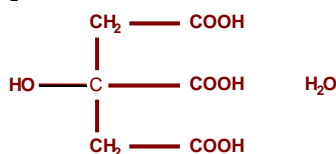
CAS NUMBER:5949-29-1

APPEARANCE:COLORLESS OR WHITE CRYSTALS OR POWDER

MOLECULAR FORMULA: $C_6H_8O_7 \cdot H_2O$

MOLECULAR WEIGHT:210.14

STRUCTURAL FORMULA:



| ITEM | STANDARD |
|--|---|
| CHARACTERS | COLOURLESS TRANSLUCENT CRYSTALS OR AS WHITE, FINE, CRYSTALLINE POWDER |
| IDENTIFICATION | PASS TEST |
| CLARITY AND COLOUR OF SOLUTION | PASS TEST |
| CONTENT | 99.5-100.5% |
| MOISTURE | 7.5-8.8% |
| OXALATE/OXALIC ACID | $\leq 100\text{mg/kg}$ |
| SULPHATE | $\leq 150\text{ppm}$ |
| READILY CARBONISABLE SUBSTANCES | ABS ≤ 0.52 TRA $\geq 30\%$ |
| RESIDUE ON IGNITION (SULPHATED ASH) | $\leq 0.05\%$ |
| HEAVY METALS | $\leq 10\text{ppm}$ |
| ARSENIC | $\leq 1\text{mg/kg}$ |
| LEAD | $\leq 0.5\text{mg/kg}$ |
| MERCURY | $\leq 1\text{mg/kg}$ |
| ALUMINIUM | $\leq 0.2\text{ppm}$ |
| ISOCIRIC ACID | PASS TEST |
| BARIUM | PASS TEST |
| CALCIUM | $\leq 200\text{ppm}$ |
| IRON | $\leq 50\text{ppm}$ |
| CHLORIDE | $\leq 50\text{ppm}$ |

THE QUALITY OF THE PRODUCT CONFORMS WITH ALL REQUIREMENTS OF
BP/EP/USP/FCC/E330/IP/JSFA/FAO/WHO CCFAS Vol.4

Application:

Citric acid is mainly used as an acidulating, flavoring and preservative in foods and beverages. It is also used as antioxidant, plasticizer and detergent builder.

Package:25kg per bag

Storage: Store in a cool and dry place.

Shelf life: three years

Mesh size:6-10mesh/6-40mesh/8-16mesh/8-40mesh/8-80mesh/12-40mesh/below 12mesh/16-40mesh/
20-100mesh/30-100mesh/below 30mesh/below 40mesh