



Aqua Solutions, Inc.

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SPECIFICATION SHEET

CITRIC ACID MONOHYDRATE / REAGENT ACS CRYSTALS

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|-------------------------|---|
| Product Code | C5504 |
| Chemical Name / Grade | Citric Acid Monohydrate / Reagent ACS Crystal |
| Chemical Formula / CAS# | C ₆ H ₈ O ₇ ·H ₂ O / CAS# 5949-29-1 |
| Appearance | White Crystalline Powder |
| Harmonization Code | 2918.14.0000 |

CHEMICAL ANALYSIS / SPECIFICATIONS

| Specifications | Maximum |
|--|---------------|
| Assay | 99.0 – 102.0% |
| Insoluble Matter | 0.005% |
| Residue after ignition | 0.02% |
| Chloride (Cl) | 0.001% |
| Lead (Pb) | 2 ppm |
| Oxalate (C ₂ O ₄) | Passes test |
| Phosphate (PO ₄) | 0.001% |
| Sulfur compounds (SO ₄) | 0.002% |
| Iron (Fe) | 3 ppm |
| Substances carbonizable by hot sulfuric acid | Passes test |

This product is suitable for use in applications where the grade indicated above is required.

PREPARATION DATE (MM/DD/YY)

| | |
|--------------|-----------------|
| Original 0.0 | 12/14/2013: STN |
| Revision | |

PLEASE REFER TO THE MATERIAL SAFETY DATA SHEET FOR HEALTH, SAFETY, AND REGULATORY INFORMATION ON THIS PRODUCT.