

## Typical Product Specifications & Properties

### Citric acid monohydrate

CAS Number: 5949-29-1

| Specifications                  | Limits                                                      |
|---------------------------------|-------------------------------------------------------------|
| Sulfated Ash                    | No more than 0.05%                                          |
| Residue on Ignition             | No more than 0.05%                                          |
| Odor                            | Typical, practically odorless                               |
| Iron                            | No more than 3 mg/kg                                        |
| Lead                            | No more than 0.5 mg/kg                                      |
| Identification                  | Conforms                                                    |
| Mercury                         | No more than 0,5 mg/kg                                      |
| Calcium                         | No more than 30 mg/kg                                       |
| Oxalate                         | No more than 100 mg/kg                                      |
| Readily Carbonizable Substances | Conforms                                                    |
| Taste                           | Strong acidic taste                                         |
| Appearance of Solution          | Conforms                                                    |
| Appearance                      | Colorless / white / almost white powder                     |
| Heavy Metals                    | No more than 5 mg/kg                                        |
| Assay                           | 99.7 - 100.3 %                                              |
| Solubility                      | Very soluble in water, freely soluble in ethanol, sparingly |