

# Product Specifications

CL00.0320

ANALYT

## Citric acid.1aq a.r.

Acido citrico.1aq p.a.  
Acido citrico.1aq p.a.  
Citroenzuur.1aq p.a.  
Acide citrique.1aq p.a.  
Citronensäure.1aq z.A.

**For laboratory use, ACS, ISO, Ph. Eur., buffer substance**  
**99.5-101% C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>·1H<sub>2</sub>O**

Mol weight: 210.14 g/mol  
Density: 1,54 g/cm<sup>3</sup>  
HS Nr: 29181400  
CAS Nr: 5949-29-1  
UN:  
ADR:



### Specifications:

Assay	: 99.5-101%
Water	±8%
Calcium (Ca)	<0.005%
Copper (Cu)	<0.0005%
Iron (Fe)	<0.0003%
Lead (Pb)	<0.0002%
Zinc (Zn)	<0.0005%
Chloride (Cl)	<0.0005%
Oxalate	<0.005%
Phosphate (PO <sub>4</sub> )	<0.001%
Sulfate (SO <sub>4</sub> )	<0.002%
Sulfated Ash	<0.02%
Carbonyl Compounds	: passes test
Readily Carbonizable Substances	: passes test
Insoluble Matter (Non Solubles)	<0.005%
Residue after Ignition	<0.02%