

Product Specification

Jungbunzlauer

Citric Acid Anhydrous

Food & Pharmaceutical Grade (conforms to Ph. Eur. / USP / FCC / EC)

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|-----------------|--|--|
| Product name | Citric acid anhydrous | C ₆ H ₈ O ₇ |
| EC No. | 201-069-1 | |
| CAS No. | 77-92-9 | |
| E-No. | E 330 | |
| Characteristics | Colourless crystals or a white, crystalline powder; very soluble in water, freely soluble in ethanol (96%), sparingly soluble in ether | |

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|---------------------------------|--------------------------------|
| Odour | typical, practically odourless |
| Identification | conforms |
| Appearance of solution | clear and colourless |
| Clarity of solution (USP) | conforms |
| Colour of solution (USP) | conforms |
| Readily carbonisable substances | conforms |
| Oxalic acid / oxalate | < 100 mg/kg |
| Sulphate | < 100 mg/kg |
| Heavy metals | < 5 mg/kg |
| Arsenic | < 1 mg/kg |
| Lead | < 0.5 mg/kg |
| Mercury | < 0.5 mg/kg |
| Calcium | < 30 mg/kg |
| Iron | < 3 mg/kg |
| Chloride | < 5 mg/kg |
| Residue on ignition (USP / FCC) | < 0.05 % |
| Sulphated ash | < 0.05 % |
| Water | < 0.50 % |
| Assay | 99.7 - 100.3 % |

We herewith confirm that this product meets the requirements of the latest edition of the European Pharmacopoeia (Ph. Eur.), the United States Pharmacopeia (USP), the Food Chemical Codex (FCC) and of Commission Directive 2008/84/EC. All analytical methods are in accordance with the latest requirements of the Ph. Eur., the USP, the FCC or equivalent methods. Test methods are available on request.