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**1580**

**CITRIC ACID ANHYDROUS**

**SEPT 2005**

**Food & Pharmaceutical Grade (conforms to Ph. Eur./ E330 / USP / FCC)**

**Characteristics:** Colourless crystals or a white crystalline powder, very soluble in water, freely soluble in ethanol (96%), sparingly soluble in ether.

**EC No:** 201-069-1

**CAS No:** 77-92-9

**Formula:** C<sub>6</sub>H<sub>8</sub>O<sub>7</sub>

**E330**

**Specification**

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 (Ph.Eur. / EC/ JP)	Conforms
Readily carbonisable substances (USP / FCC)	Conforms
Oxalic acid	< 100 mg/kg
Sulphate	< 100 mg/kg
Heavy metals	< 5 mg/kg
Arsenic	< 1mg/kg
Lead	< 0.5mg/kg
Mercury	< 0.5mg/kg
Calcium	< 30mg/kg
Iron	< 3mg/kg
Chloride	< 5mg/kg
Tridodecylamine (FCC)	< 0.1ppm
UV absorbance (FCC)	< 0.25
Organic volatile impurities (USP)	Conforms
Residue on ignition (FCC/USP)	< 0.05%
Sulphated ash	< 0.05%
Water	< 0.50%
Assay	99.7 – 100.3%

All analytical methods are in accordance with the latest requirements of the European Pharmacopoeia (Ph Eur), the United States Pharmacopoeia (USP), the Food Chemicals Codex (FCC) or equivalent test methods.

**Revision 04**

Univar Ltd's Standard Conditions of Sale apply to sales of all products  
Refer to the appropriate Safety Data Sheet for health, safety and environmental information