

Product Specification



Product: Citric Acid Anhydrous
BP/USP/FCC/E330

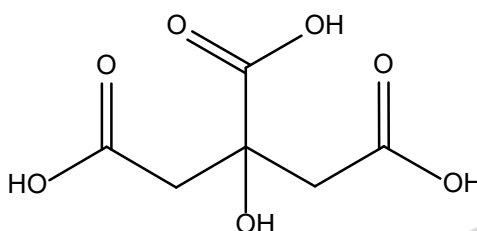
Mesh: 12-40 mesh

CAS Number: 77-92-9

EINECS Number: 201-069-1

Molecular Formula: C₆H₈O₇

Molecular Weight: 192.1



Parameter	Standard
Characters	White or off-white, crystalline powder, colourless crystals or granules. Odourless, with a strongly acid taste. Very soluble in water, freely soluble in ethanol.
Assay	99.5%-100.5%
Water	≤0.5%
Sulphated Ash (Residue on Ignition)	≤0.05%
Sulphate	≤50mg/kg
Oxalate	≤50mg/kg
Aluminium	≤0.2mg/kg
Lead	≤0.1mg/kg
Arsenic	≤0.1mg/kg
Mercury	≤0.1mg/kg
Heavy Metals	≤5mg/kg
Bacterial Endotoxins	<0.5 IU/mg
Chloride	≤5 mg/kg

Additional Information:

Application - Citric Acid is mainly used as an acidulant, flavouring agent and/or preservative in the food and beverage industry. It is also used as antioxidant, plasticizer and detergent in chemical, cosmetics and cleaning industries.

Packaging - 25kg net 3-ply kraft paper bags or composite paper-plastic bags, 500kg or 1000kg net PP woven jumbo bags

Storage - Store in tightly closed original container in a dry, cool, well-ventilated place

Shelf Life - Three years

Particle Size - 30-100mesh (0.150-0.600) mm, 12-40mesh (0.425-1.700) mm

DirectChems , 19.02.2021

Statement: We guarantee the parameters listed above, all other requested additional parameters we cannot guarantee unless expressly stating such in writing and amending the standard specifications above. Test methods may vary, and unless expressly stated the method chosen, end users should make their own judgements on the usability of the material above in their end products or formulations, by requesting samples, trial orders prior to full production.

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