

Specification

Technical Data Sheet

CAS**77-92-9****STORAGE****Ambient****MOLECULAR WEIGHT****192.12****PRODUCT****Citric Acid Anhydrous Food Grade**

Product number	90023665
CAS number	77-92-9
Molecular formula	$\text{HOC}(\text{COOH})(\text{CH}_2\text{COOH})_2$
Molecular weight	192.12 g/mol

PARAMETER**SPECIFICATION**

Appearance	White Crystalline Powder or Colourless Crystals or Granules
Assay	99.5%-100.5%
Heavy metals	<5ppm
Water	<0.5%
Bacterial endotoxins	<0.5 IU/mg
Iron (Fe)	<5ppm
Particle Size	12-40 mesh
Readily Carbonisable Substances	Passes Test
Sulphated Ash	<0.5%
Aluminium (Al)	<0.2ppm
Arsenic (As)	<1ppm
Calcium (Ca)	<75ppm
Colour and Clarity of Solution	Passes Test
Lead (Pb)	<0.5ppm
Mercury (Hg)	<1ppm
Oxalate (Oxalic acid)	<100ppm

PARAMETER	SPECIFICATION
Product description	BP2013, USP36, E330, EP7 Food Additives
Sulphates (SO₄)(2-)	<150ppm

SPECIFICATION STATEMENT	The values stated above represent the standard specification for this product, issued under Molekula Ltd 's quality management system. Batch-specific results are provided on the Certificate of Analysis.
STORAGE	Store as indicated on the product label, away from light, moisture and incompatible materials.

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