

Technical Data Sheet

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Item Name:

CAA

PRODUCT INFORMATION

Chinese Name:	无水柠檬酸
Commodity Name:	CAA
Chemical Name:	Citric Acid Anhydrous
Other Name:	2-Hydroxy-1,2,3-Propanetricarboxylic Acid, Citric Acid Anhydride, 2-Hydroxypropane-1,2,3-Tricarboxylate
CAS No.:	77-92-9
Molecular Weight:	192.122
Molecular Formula:	C ₆ H ₆ O ₇

TECHNICAL SPECIFICATION

Index	30-100 mesh	10-40 mesh
Appearance	Colorless semi-transparent crystalline powder	
Mesh size by wt %	90 min (30 - 100mesh)	90 min (10 - 40 mesh)
Assay by wt %	99.5 - 101.0	99.5 - 101.0
Moisture by wt %	0.5 max	0.5 max
Sulphated ash by wt %	0.05 max	0.05 max
Sulphates by ppm	150 max	150 max
Oxalate by ppm	100 max	100 max
Calcium by ppm	200 max	200 max
Heavy metals by ppm	5 max	5 max
Iron by ppm	50 max	50 max
Chloride by ppm	50 max	50 max
Readily carbonated substance	Less than standard color	
Barium	Pass test	Pass test
Aluminum by ppm	0.2 max	0.2 max
Arsenic by ppm	1 max	1 max
Mercury by ppm	1 max	1 max
Lead by ppm	0.5 max	0.5 max
Bacterial endotoxin by IU/mg	0.5 max	0.5 max
Organic volatile impurity	Pass test	Pass test

PACKING, LOADING AND SHELF LIFE

Packing: 25kg paper bag with PE liner

Loading: 25mt/20'fcl for 25kg bags only; 22mt/20'fcl for 25kg bags on pallets

Shelf Life: 24 months when stored in cool, dry and ventilated warehouse, away from incompatible materials.

DISCLAIMER

The information provided in this data sheets is for informational purposes only is considered reliable, but Rawchem doesn't guarantee how any other products associated with this information will behave in combination with variables to other matters. It's recommended to make adaptations to local working conditions and to the raw material to be used.