

Trace Zero Inc.

50% Citric Acid

CAS No. 77-92-9

Chemical Form 2-hydroxy-1,2,3-propane tricarboxylic acid

Formula C₆H₈O₇

Chemical Properties

	Typical	Specification
Citric acid, as C ₆ H ₈ O ₇ , %	50.0	49.8-50.2
Aluminum, ppb	5	<50
Boron, ppb	5	<125
Calcium, ppb	10	<500
Chloride, ppb	500	<2500
Chromium, ppb	5	<25
Cobalt, ppb	5	<25
Copper, ppb	5	<25
Iron, ppb	25	<188
Magnesium, ppb	25	<75
Manganese, ppb	5	<25
Nickel, ppb	5	<50
Potassium, ppb	10	<262
Sodium, ppb	75	<6250
Titanium, ppb	5	<25
Zinc, ppb	5	<188
Zirconium, ppb	5	<25

Bacterial Properties

Aerobic bacteria, CFU/mL	<1	<1
Anaerobic bacteria, CFU/mL	<1	<1
Yeast and Mold, CFU/mL	<1	<1
Fungal, CFU/mL	<1	<1

General Properties

Description	Water-like Clear Liquid
Density, g/mL	1.25
pH	<1

Standard Containers	55 gallon plastic drums, 275 gallon IBC tote
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Storage Requirements	Store in clean, dry environment. Temperature range 40-90°F. Product decomposes in direct sunlight and increased temperatures.
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The information contained in this document is, to our knowledge, true and accurate. Due to the variation of incoming raw materials the levels typical in our said product are subject to change but will herein conform to the chemical limitations set forth in this document and all associated quality control documents established at Trace Zero Inc.