



- SYNTRx proprietary formulation is based on a buffered citric acid foundation that greatly enhances its cost-efficiency versus commodity lactic and citric acids
- SYNTRx 5000 offers a lower cost alternative for the proven SYNTRx 3200 chemistry
- Patent-pending technology results in a product of ultra-high efficiency without any expected concerns over hazardous handling or environmental contamination
- Novel control procedures, focused on pH rather than chemical dilution ratios, eliminate the need to maintain the cushion of a wasteful overdosage
- Usage as a processing aid in poultry facilities drives both microbial and organic concentrations of the process water down to reduce the health threat in the finished goods (*)
- Synergistic activation of existing chlorine applications greatly enhances those programs' cost-efficiency with only a very modest reduction in system pH
- All ingredients are listed under the U.S. Food and Drug Administration (FDA) regulations as Generally Recognized As Safe (GRAS)
- Classified as a processing aid by the FDA under 21 CFR § 101.100 (a)(3)(ii), *Food; exemptions from labeling*, defined as "a substance that is added to a food for its technical or functional effect in the processing but is present in the finished food at insignificant levels and does not have any technical or functional effect in that food".
- Also allowed as acidifier throughout the facility.
- Allowed under both USDA and FDA regulations with no limitations in a wide variety of applications including process water, chiller, post-chill, and finishing chillers.

Parameter	Specifications
Specific Gravity (@ 20° C)	1.25 ± 0.03
pH (10 % solution)	0.0 – 1.0
Boiling Point (° F)	> 212° F
Appearance	Clear
Color	slightly greenish yellow
Odor	mild, slightly citric
Evaporation rate	less than water
Percent volatiles	N / D

(*) NOTE—Even though SYNTRx 5000 does not specifically target pathogenic organisms, the reduction in general process water contamination, both organic and microbial, has helped multiple plants to overcome long-term challenges in control of their critically targeted microorganisms.

Synergy Technologies, Inc.
PO Box 7527 Shreveport LA 71137
866.743.8573