

SYNTRx 3300 RTU

- SYNTRx[®] proprietary formulation is based on a buffered citric acid foundation that greatly enhances its cost-efficiency versus commodity lactic and citric acids.
- Patent-pending technology produces a product of ultra-high efficiency without any expected concerns over hazardous handling or environmental contamination.
- **SYNTRx 3300 RTU** is a “**ready-to-use**” solution of the SYNTRx 3300 that can be applied directly from the shipping container to red meat, pork and wild game meat. No additional make-down or dilution is required.
- 100% of the ingredients of SYNTRx 3300 RTU are listed under FDA regulations as Generally Recognized As Safe (GRAS).
- SYNTRx[®] 3300 RTU is classified as a “**processing aid**” by the US Food & Drug Administration under 21 CFR § 101.100, Food; exemptions from labeling, section (a) 3 II (c). According to FDA guidelines, a processing aids are substances that are added to a food for their technical or functional effect in the processing but are present in the finished food at insignificant levels and do not have any technical or functional effect in that food.*
- Synergy Technologies has obtained several letters of “no objection” issued by the USDA Food Safety and Inspection Service regarding SYNTRX 3300 and more recently, SYNTRx 3300 RTU as an antimicrobial processing aid for the treatment of meat carcasses, parts, trim and organs.
- Potential use sites include the following: Carcass wash (hide on), carcass wash (post hide removal), pre-evisceration cabinet wash, organ wash, head and tongue wash, primal and sub-primal treatment prior to needle tenderization or fabrication, and treatment of trim pre-grinding.

Parameter	Specifications
Specific Gravity (@ 20° C)	1.00 Typical
pH (Neat)	1.0 – 1.8
Boiling Point (° F)	> 212° F
Color	Clear, colorless liquid
Odor	Slight to none
Approximate mls per pound	454 mls

(*) NOTE—Even though SYNTRx 3300 RTU does not directly 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.

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Features	Advantages	Benefits
Buffered Citric Acid Product	Ultra-high efficiency use	Cost effective vs. other organic acids
Patent pending technology	Exclusive to Synergy	Novel approach
Used as a processing aid / antimicrobial	GRAS components	Complements current HACCP program
Ready to use packaging	No dilution necessary	Reduced handling and waste
USDA FSIS issued letters of "no objection"	Can be applied as a spray or dip to meat carcasses, parts, trim and organs	Easy to use. Just spray directly on primals, sub-primals, cuts, organs etc...

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