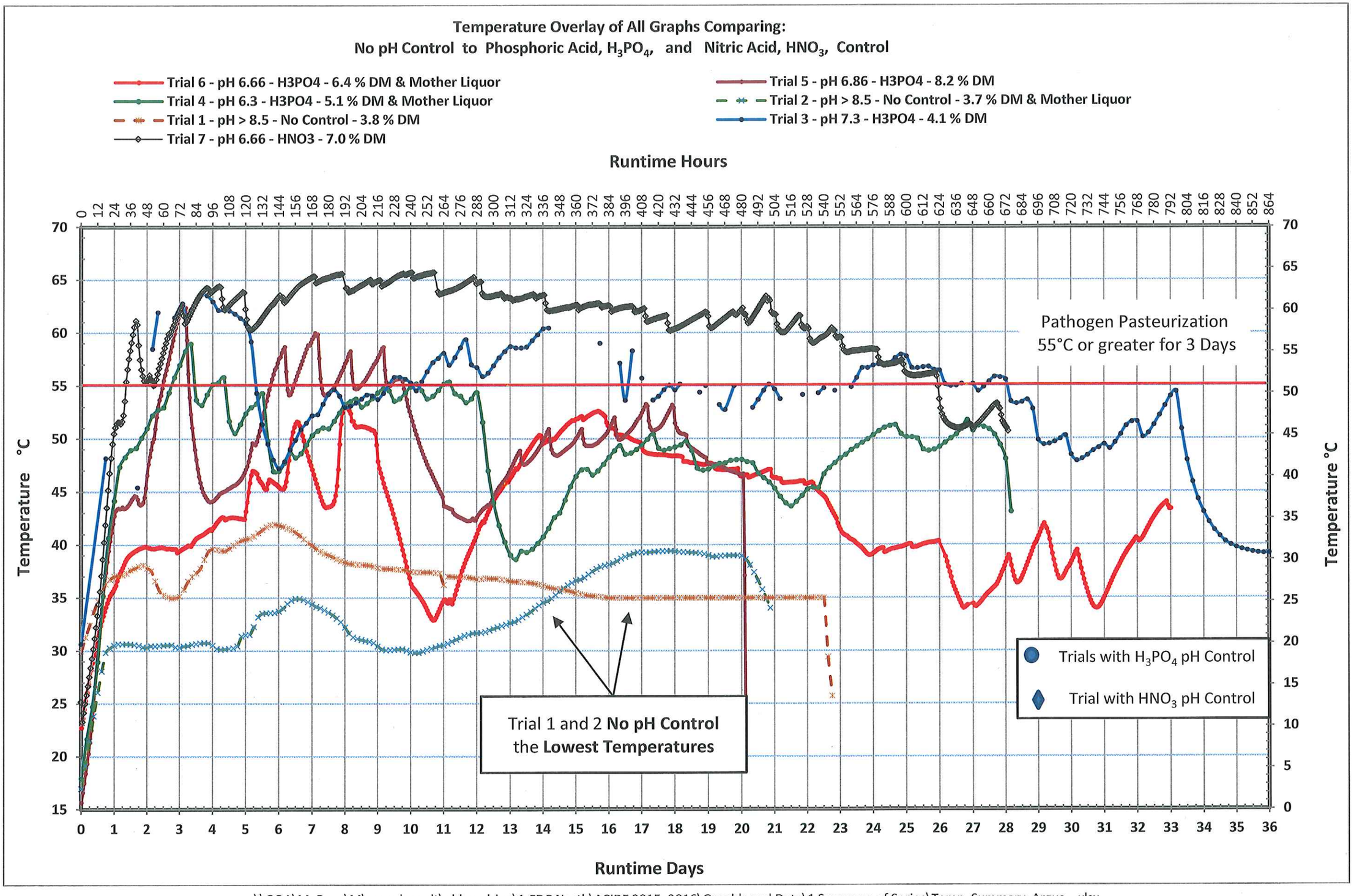
Temperature Overlay of All Graphs Comparing:
No pH Control to Phosphoric Acid, H_3PO_4, and Nitric Acid, HNO_3, Control
Trial 6 - pH 6.66 - H3PO4 - 6.4 % DM & Mother Liquor
Trial 5 - pH 6.86 - H3PO4 - 8.2 % DM
Trial 4 - pH 6.3 - H3PO4 - 5.1 % DM & Mother Liquor
Trial 2 - pH > 8.5 - No Control - 3.7 % DM & Mother Liquor
Trial 1 - pH > 8.5 - No Control - 3.8 % DM
Trial 3 - pH 7.3 - H3PO4 - 4.1 % DM
Trial 7 - pH 6.66 - HNO3 - 7.0 % DM
Runtime Hours
Temperature °C
Pathogen Pasteurization
55°C or greater for 3 Days
Trial 1 and 2 No pH Control
the Lowest Temperatures
Trials with H_3PO_4 pH Control
Trial with HNO_3 pH Control
Runtime Days