

# REQUEST FOR pH CONTROL

<b>Canner:</b>		<b>Product:</b>	
<b>Mailing Address:</b>		<b>Formula Number/Code:</b>	
<b>City:</b>	<b>Zip Code:</b>	<b>Telephone:</b> _____ XT _____	
<b>Type of Submission:</b> New Product <input type="checkbox"/> or      Reformulation <input type="checkbox"/>		<b>Container Size:</b>	
<i>If reformulation, must provide: Existing S-Number</i>		<i>Date of Existing Process Letter</i>	
S- _____      and      _____			
<b>NOTE: Highlight changes in formula. If changes are determined to be significant, a new formula number must be assigned.</b>			
<b>Sample(s) submitted?</b> Yes <input type="checkbox"/> No <input type="checkbox"/>		<b>If yes, Laboratory Sample <input type="checkbox"/> or Production Sample <input type="checkbox"/></b>	
<b>INGREDIENTS: (List each ingredient by weight or percentage; and describe ingredient (fresh, frozen, dried, brined, canned, acidified, etc.). Give pH if known. Attach extra sheet if needed.</b>			
<b>Ingredient:</b>	<b>Amount (Wt or %)</b>	<b>Ingredient:</b>	<b>Amount (Wt or %)</b>
<b>Product Preparation: Indicate process Cold-Fill <input type="checkbox"/> Pasteurizer/Water bath <input type="checkbox"/> Hot-Fill-Hold <input type="checkbox"/> Other <input type="checkbox"/></b> (Include minimum initial temperature where necessary. Indicate minimum time and temperature that product is heated and EXACTLY what parameters are monitored. Attach extra sheet, if needed. For HOT-FILL-HOLD: also include minimum temperature upon filling into the container, how long the product is held in the container prior to cooling and how the container lid is sterilized (for example, is the container inverted?)			
pH of acid ingredient(s) alone or with water (if added):		Equilibrium pH after low-acid ingredients are mixed-in but before any acid is added:	
Equilibrium pH of finished product:		Approximate time needed to achieve equilibrium pH:	
<b>For products where primary acidification is by addition of acid to a low-acid main ingredient (eg. cucumbers):</b>			
<b>A. If food is acid-blanching:</b>			
What Acid is Used?	% Acid in bath?	Time:	Temperature:      pH of food after blanching:
<b>B: If Acid blanching is not used, how is acidification achieved?</b>			
<b>For product with Water Activity ≤ 0.85, give equilibrium Water Activity of finished product (describe method used):</b>			
<b>Signature (required):</b>		<b>Date:</b>	
<b>Print Name (required):</b>		<b>Title:</b>	
<b>E-mail address (if you prefer to receive letter electronically)</b>			

**Submit to:**      University of California  
Laboratory for Research in Food Preservation  
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Dublin, CA 94568

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