No Sugar Added Barbecue Sauce



Formulation

Ingredients	% by Weight	
Water	63.45	
Tomato paste (31% soluble solids)	12.50	
Vinegar (120 grain)	9.00	Droduct Footures
Salt	2.75	Product Features:
Worcestershire sauce	2.75	
Lemon juice (2.5% acid)	2.00	 Very low sugar content (<1%)
Soybean oil	2.00]
Starch ¹	1.95	Cost saving potential over 40%
Onion powder	0.90	good saving potential evel 1070
Avicel RC 591 cellulose gel ²	0.80	Significant calorie reduction (>75%)
Liquid smoke	0.60	
Paprika	0.30	Great taste with improved flavor
Chili powder (Hot)	0.20	notes
Garlic powder	0.20	notes
Mustard powder	0.20	Excellent shelf and processing
Xanthan gum	0.15	stability
Caramel color powder 610 ³	0.10	Stability
Sodium benzoate	0.10	
Sunett [®] Acesulfame K ⁴	0.05	

- 1 Therm-Flo, National Starch and Chemical Company, Food Products Division
- 2 FMC BioPolymer
- 3 Williamson Food Ingredients
- 4 Nutrinova Inc. 1-800-786-3883

Procedure

• Disperse Avicel® RC 591 cellulose gel in the total available water for 5 minutes utilizing a high shear mixer (Silverson® or Waring®).

100.00

- Add xanthan gum and mix for 2 minutes.
- Add Sunett® sweetener. Mix until uniform, using low shear.
- Slowly blend in starch until uniform.
- Add dry seasonings, salt and oil. Mix until well blended.
- Add vinegar, lemon juice, tomato paste and liquid seasonings. Blend until uniform.
- Blend in caramel color and sodium benzoate.
- Heat sauce to 85°C (185°F) and hold for 5 minutes until starch is fully gelatinized.
- Cool product to 38°C (100°F) and fill into 8 oz. glass jars.

