# Reduced-sodium BBQ Sauce

Get the sauce without all the salt. This delicious barbecue (BBQ) sauce has at least 60% less sodium than typically found in the leading sauce brand thanks to the addition of whey permeate.\* It also adds nutrition without sacrificing any flavor or body for this popular condiment.



### **MARKET INSIGHTS**

- "No additives or preservatives" was the second-leading claim among table sauces launched in 2013, indicating that consumers are looking for clean ingredients that are easy to understand. (Innova Market Insights, "Table Sauces", January 2014)
- Growing health concerns continue to influence consumers, particularly as they shift toward products such as superior-quality condiment sauces that contain less salt and sugar. (Transparency Market Research, "Condiment Sauces Market Global Industry Analysis," December 2014)
- Manufacturers are flying under the radar with stealth reduction, especially for sodium. (Innova Market Insights, "Permeate," February 2015)

### INGREDIENTS

Usage	e Levels (%)
Tomato products, canned, sauce	47.00
Vinegar, cider	14.00
Molasses	9.20
Agave syrup	9.00
Tomato products, canned, paste, without salt added	6.50
Sauce, Worcestershire	6.00
Whey permeate (dairy product solids)	3.50
Water, tap, drinking	1.85
Liquid smoke	1.60
Paprika	0.70
Garlic powder	0.40
Onion powder	0.15
Black pepper	0.05
Red or cayenne pepper	0.05
Total	100.00

INGREDIENTS: Tomato (canned sauce), cider vinegar, molasses, agave syrup, tomato (canned paste), Worcestershire sauce, dairy product solids, water, liquid smoke, paprika, garlic powder, onion powder, black pepper, cayenne pepper.

Contains: milk

# **BENEFITS OF USING U.S. DAIRY**

#### Whey permeate

- Provides salty characteristics so that added salt may be reduced
- Simply labeled as dairy product solids
- Adds nutritional value, flavor and body or texture to a formulation

## **NUTRITIONAL CONTENT**

U.S. Lab	el			Per
Nut	ritior	ו Fa	cts	Ca
	ze 2 tbsp (34			То
Per Serving SI		g)		
T EI SEIVIII	y			
Amount Per	Conving			
Calories		Colorioo f	rom Fat 0	
calones	50	Calofies I	rom Fat 0	
		% D;	aily Value*	Ch
Total Fat	0g		0%	To
Saturated	d Fat 0g		0%	
Trans Fa				
Cholester	Ū.		0%	
Sodium 1			5%	
-	bohydrate 8	a	3%	Pro
Dietary F		0	0%	Pro
Sugars 5				Ca
Protein 0				
	9			Ma
Vitamin A	4% •	Vitamin	IC 4%	Ph
Calcium 0%		Iron 4%		FII
	Values are base			Po
	aily values may be n vour calorie nee		/er	
	Calories:	2,000	2,500	So
Total Fat Sat Fat	Less than Less than	65g	80g	
Cholesterol	Less than Less than	20g 300mg	25g 300mg	lro
Sodium	Less than	2,400mg	2,400mg	
Total Carbohy Dictary Fiber		300g 25g	375g 30g	Vit
Calories per g		209	309	Vit
Fat 9 • Carbol	hydrate 4 • Protei	in 4		VI

90kcal	
Og	
Og	
Og	
0mg	
22g	
1g	
15g	
1g	
58mg	
40mg	
55mg	
440mg	
340mg	
2mg	
697IU	
6mg	



# PREPARATION

- 1. Weigh all the ingredients first and mix well.
- 2. Boil all ingredients in a saucepan and continue stirring.
- 3. When mixture comes to a boil, reduce heat. Continue to simmer for 20 minutes at 158° to 167°F (70° to 75°C).
- 4. Cool and store.

Rely on the dynamic lineup of U.S. dairy to meet consumer demands in global product development. The U.S. Dairy Export Council<sup>®</sup> (USDEC) offers resources on **ThinkUSAdairy.org**, including a dairy ingredient supplier search, consumer, nutrition and product research, technical insights and prototype assistance to help develop and launch your next successful product. (Calculation) (Calculation

\*Contains 67% less sodium than a similar barbecue sauce on the market. Sodium has been reduced from 350mg per serving to 115mg per serving.

This formula serves as a reference. Product developers are encouraged to modify the formula to meet manufacturing and finished product specifications needs. Developed at the Institute for Dairy Ingredient Processing, South Dakota State University. ©2015 U.S. Dairy Export Council.

