

# TECHNICAL BULLETIN

## USDA PUREE/PLUM JUICY™ 100 Meat Moisture Enhancer

### Description

USDA Puree/Plum Juicy™ 100 meat moisture enhancer is a smooth, pliable fruit puree composed of pitted dried plums and juice concentrate. Potassium sorbate may be added to a maximum level of 0.1%.

### Formulation

Dried Plums	17.2%
Dried Plum Juice Concentrate	52.7%
Potassium Sorbate	0.1% (maximum)
Water	30.0%
Total	100.0%

### Finished Product Characteristics\*

Appearance:	Smooth, dark brown puree
Flavor and odor:	no characteristic flavor with no yeasty, or burnt off flavors
Moisture:	30+/-0.5%
Brix:	70° minimum
Chemical:	pH 3.5-4.5 Titratable acidity 1.4%-2.2% as malic acid

### Packaging

1, 2 gallon pails (11-22 lbs gross shipping weight)  
40 pound bag in box

### Shelf Life

Two years. Store in a cool, dry area (75°F/24°C maximum). May be refrigerated for extended storage.

### Applications

USDA Puree/Plum Juicy™ 100 meat moisture enhancer was developed to be used as a natural additive in pre-cooked beef, pork, lamb, turkey and chicken products to retain moisture particularly after freezing, re-heating and holding. Extra lean, fat-reduced meat products particularly benefit when using USDA Puree/Plum Juicy™. Recommended usage is 3.0-5.0% of the finished weight depending on the product being manufactured and the desired moisture, texture and flavor levels.

USDA Puree/Plum Juicy™ 100 is not recommended for meat products that are cooked from a raw state on a griddle or grill as sugars may caramelize on the surface. Ideal applications would be products that are pre-cooked and re-heated in an conventional, convection or microwave oven from a frozen state or in a sauce on a stove top.

## Nutritional Composition\*

<b>Component</b>	<b>Amount Per 100 grams</b>
<b>Proximate</b>	
Food Energy (Kcal)	257.0
Protein, g	2.1
Fat, g	0.2
Total Dietary Fiber, g	3.3
Total Carbohydrates, g	65.1
Available Carbohydrates, g	61.8
Sugars, g	39.0
Sorbitol, g	14.1
<b>Minerals</b>	
Calcium, mg	31.3
Iron, mg	2.8
Phosphorous, mg	71.7
Potassium, mg	852.0
Sodium, mg	23.0
<b>Vitamins</b>	
Vitamin C, mg	4.3
Thiamin, mg	0.04
Niacin, mg	2.5
Pantothenic Acid, mg	0.43
Beta Carotene, I. U.	1.2
<b>Other Properties</b>	
Water Activity	0.75
Cholesterol	0.0

\* Variances may occur from one manufacturer to another.