

23 September 2009  
NSN: 8960 01 584 8726

(OBB)

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\* MONOGRAPH NO: M7R  
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Item: **Beverage Bases, Powdered, Sweetened with non-nutritive sweetener, Orange, fortified with ascorbic acid and calcium 20 fl oz yield, 4 gm flex pg. (Type III, flavor 1, formulation h, design D)**

Document: **CID A-A-20098; Beverage Bases, Powdered and PKG&QAP**

Approximate Caloric Value Per Serving: **1-2 kcal** Component Classification: **Ancillary**

Estimated Shelf Life: **36 months at 80°F**

#### **Item Characteristics**

Appearance: Dehydrated product: Uniformly blended, free-flowing, homogenous dry mixture, free from hard lumps, light orange color, granulation can vary from fine powder to small agglomerated crystals.  
Rehydrated product: Clear to slightly cloudy, sediment free, bright orange color.

Odor: Distinct orange, sweet and sour.

Flavor: Distinct orange, sweet and sour.

Texture: Dehydrated product: Uniformly blended, free-flowing, homogenous mixture, free from hard lumps.  
Rehydrated product: Sediment free.

#### **Possible Deteriorative Changes**

Appearance: Dehydrated; lumpy or caked, not free flowing. Rehydrated; coagulated, excessive sediment significantly affecting aesthetic, appearance or flavor.

Odor: Burnt or scorched.

Flavor: Oxidized or any other flavor not typical of the type of beverage.

Texture: Dehydrated; lumpy or caked, not free flowing. Rehydrated; coagulated, excessive sediment

**Unique Examination/Test Procedures:** Prepare beverage in accordance with package instructions. Product should dissolve completely within approximately two minutes.

**Special Notes:** In the rehydrated product, if slight sedimentation is observed but the odor and flavor are normal, do not score the sedimentation as a defect during surveillance inspection; make note of it in the narrative for future use. Coagulation may occur if the product has had temperature abuse. Coagulation results in clumps of granules that do not readily dissolve when product is reconstituted and tend to float in

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suspension.