

Item: **Granola with milk and blueberries (Type I)**

Document: **PCR-G-003 Granola, Packaged in a Flexible Pouch, Shelf Stable**

Approximate Caloric Value Per Serving: **210** Component Classification: **Primary**

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

Item Characteristics

Appearance: Dry product: mixture of rolled oats, white powder, and freeze-dried blueberries.
 Rehydrated product: a mixture of distinct oat flakes, dark blue blueberries, and purple milky liquid.

Odor: Dry product: coconut, toasted grain, sweet, dairy.
 Rehydrated product: coconut, toasted grain, sweet, dairy, mild berry.

Flavor: Dry product: coconut, toasted grain, sweet, dairy, and mild blueberry.
 Rehydrated product: coconut, toasted grain, sweet, dairy, mild berry.

Texture: Dry product: free flowing mixture of powder, oat flakes, and distinct blueberries.
 Rehydrated product: chewy and firm with fibrous coconut and soft, moist blueberries in a liquid with a creamy milk mouthfeel.

Possible Deteriorative Changes

Appearance: Dry product: caked or lumped, not free flowing, blackened blueberries.
 Rehydrated product: loss of purple color of milky liquid.

Odor: Dry product: rancid, soapy, scorched, burnt, sour dairy.
 Rehydrated product: rancid, soapy, scorched, burnt, sour dairy.

Flavor: Dry product: rancid, soapy, scorched, burnt, sour dairy.
 Rehydrated product: rancid, soapy, scorched, burnt, sour dairy.

Texture: Dry product: not free flowing. Caked or lumped.
 Rehydrated product: gummy cereal, stringy liquid, hard blueberries.

Unique Examination/Test Procedures

Initially examine in dry state for appearance and texture; then examine IAW rehydration directions on package.

Special Notes

When rehydrated per instructions the product shall have some free liquid and an even distribution of moisture throughout the grain and blueberries. Lumps that break apart under light pressure are no concern. This product should contain an oxygen scavenger packet. If defects such as oxidized or rancid

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odors or flavors exist, they are likely due to package failure or the absence of an oxygen scavenger.