



Pectin Gummies - Elderberry

Made with real fruit



CHAUCER PRODUCTS
USED

FD ELDERBERRY POWDER

BENEFITS

- ✓ Flavorful, plant-based snack
- ✓ Flavor and Color sourced from REAL FRUIT
- ✓ FD Fruits provide natural source of antioxidants and vitamins
- ✓ Pectin based for vegan diets
- ✓ Natural ingredients

FINAL PROCESS

FORMULA

- 548g Cooked Candy Base
- 18g Citric Acid (50% Solution)
- 9.8g Chaucer FD Elderberry Powder
- 26g Ascorbic Acid (23% Solution)
- 3g Elderberry Natural Flavor

PROCESS (Intermediate Processes on the back)

- 1 Dissolve dry acid in water to make target solution concentration (citric = 50%, Ascorbic = 23%)
- 2 Blend fruit powders with acid(s) and flavor until smooth
- 3 Quickly and thoroughly mix together with hot candy base. Keep HOT
- 4 Deposit immediately

Curing & Finishing

- 1 Cure in starch molds or silicone molds for 24 hours at 70-80 degrees F.
- 2 Remove from molds (blow off starch if using starch molds)
- 3 Lightly coat with non stick polish (Capol)





Pectin Gummies

FORMULATION PROCESS

HYDRATION BATCH

- FORMULA**
- 409g Water (180F+)
 - 37g Slow Set Pectin

PROCESS

1. Mix pectin into water using shear

Mixer speed: High

Mix Time: 10 minutes

Max hold time: (estimate 60 min)

Yield estimate: enough for 3 lab batches assuming 10% scrap

MAIN BATCH

- FORMULA**
- 4.73g Trisodium Citrate
 - 300g Organic Tapioca Syrup
 - 190g Organic Sugar
 - 50g Water
 - 144g Hydration Batch

PROCESS

1. Mix sugar, syrup, sodium citrate, and water together in a pot
2. Cook to 226F
3. Add Hydration batch (hydrated pectin)
4. Bring back to 222F

