

For Question #1 –Please utilize SPECIFICATION REFERENCE SHEET #1

1.You serve as an inbound material coordinator for the Royal Teatime team focused on raw materials. On Monday, October 25, 2021 a load of raw material tea leaves has arrived on a truck which also carries packaging materials for the tea offering range produced at your facility and raw material products for your sister site across the street which produces dry powdered beverages. This truck originating at an offsite warehouse 25 miles from your production facility. The raw materials are needed for production today or the site risks downtime due to material shortages. The truck is an ambient shipping unit and the local weather conditions are showing a high of 66F for 10/25/21. Based on this shipment detail and the inbound storage requirements of the Price of Wales Sun Sweetened Hibiscus Berry tea offering, which of the following is the best course of action?

- a) Move the raw material tea leaves out onto the production floor immediately.
- b) Shift the product from the shipping unit into the refrigerator to cool prior to packing.
- c) Reject the load
- d) Measure the temperature of the product in the inbound shipment and if outside of specification range reject the load.

e) Either C or D

For Question #2-4 Please Utilize DATA SET #1 and SPECIFICATION REFERENCE SHEET #1

You are now serving as the Quality Assurance technician with specific focus on finished product quality for the teabag product lines for Royal Teatime. It is your responsibility to evaluate 2 cases/hour for quality in the areas of seal quality, weights, markings and ensuring operator compliance with the foreign material detection policy. During your 9:00 AM quality check on Monday, October 25, 2021 for the Sun Sweetened Hibiscus Berry teabag production, you pulled two cases with the following data, referenced in DATA SET #1.

2. The first order of operations on the production line is to fill the empty tea pouch with product. Based on the product specification as compared with the data for product weights in the two cases from the 9:00 AM quality check, which statement is accurate?

- a) All of the tea bags were within the specification limits for tea bag individual fill weights.
- b) None of the tea bags were within the specification limits for tea bag individual fill weights.
- c) Each of the produced cartons from this time range had at least one instance of out of specification tea bags based on fill individual tea bag fill weights.
- d) One of the cartons in the lot of samples measured at the 9:00 AM quality check had all tea bags with individual fill weights within the specification range.
- e) It is impossible to determine the specification limits based on the data provided.

3. Based on this same data set, if you focused on the individual fill weights for the retail unit carton, which of the following statements is correct?

- a) A total of 12 cartons were evaluated during this quality check and 1 of the cartons was out of the specification range for target weight per carton.
- b) A total of 6 cartons were evaluated during this quality check and all of these were within the specification ranges for target weight per carton.
- c) A total of 12 cartons were evaluated during this quality check and all were outside of the target specification range for carton weight.
- d) A total of 12 cartons were evaluated during this quality check and while one was out of specification for the target weight range, it met the minimum threshold for on pack net weight declaration.
- e) none of the following statements are true.

4. The correct shelf life should be reflected on the retail carton based on the production date and specified shelf-life duration as which of the following:

- a) 25OCT22
- b) 25OC2023
- c) 25OCT23
- d) 25OCT23RT1010987
- e) 25OCT21

For Question #5 – Please refer to IMAGE #1 and SPECIFICATION REFERENCE SHEET #1

5. In addition to evaluation of 2 cases of finished product per hour, it is the responsibility of the Quality Assurance technician to evaluate product color for every lot of inbound raw materials. To conduct this study, 6 cups of tea must be brewed per the specified preparation instructions. In **IMAGE #1** you will see the result of this product evaluation. Based on the images, you can conclude which of the following statements are true:

- a) All cups of tea were prepared according to the specified preparation instructions and are all within the range of acceptable product color.
- b) There are two samples that fall within the specified range with regards to brewed tea product color based on the specified preparation method.
- c) None of the brewed tea fell within the acceptable product color range based on the specified information.
- d) Products in this image set which were prepared to the specified instructions, were within the acceptable product color range.
- e) Both B and D are true