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Bayer Contour TS

Bayer Contour TS Low Level Control Solution User Manual

For use with Contour TS Blood Glucose Monitoring Systems

1. INTRODUCTION

The Bayer Contour TS Low Level Control Solution is designed for use with the Contour TS Blood Glucose Monitoring System. This solution is used to verify the accuracy of your blood glucose meter and test strips. It contains a known amount of glucose that reacts with the test strips, allowing you to confirm that your system is working correctly. Regular use of control solutions helps ensure reliable test results.

Important: This control solution is for *in vitro* diagnostic use only. It is not intended for internal use or for testing on humans or animals.

2. SAFETY INFORMATION

- **For *in vitro* diagnostic use only:** Do not ingest. Keep out of reach of children.
- **Expiration Date:** Always check the expiration date printed on the vial label. Do not use expired control solution.
- **Storage:** Store the control solution at room temperature (between 15°C and 30°C or 59°F and 86°F). Do not freeze.
- **Contamination:** Avoid contaminating the control solution. Do not touch the tip of the vial to the test strip or any other surface.
- **Disposal:** Dispose of used control solution vials and test strips according to local regulations for biohazardous waste.

3. PACKAGE CONTENTS

Your package contains:

- One (1) vial of Bayer Contour TS Low Level Control Solution (2.5 mL)



Image: A single vial of Bayer Contour TS Low Level Control Solution. The label indicates 'Low Level' and the volume of 2.5 mL.

4. SETUP AND PREPARATION

1. **Gather Materials:** Ensure you have your Contour TS meter, a Contour TS test strip, and the Contour TS Low Level Control Solution.
2. **Check Expiration Dates:** Verify that both the test strips and the control solution are not expired. Do not use expired products.
3. **Prepare Control Solution:** Gently invert the control solution vial several times to mix the contents. Do not shake vigorously, as this can create bubbles.
4. **Insert Test Strip:** Insert a new Contour TS test strip into the meter as directed in your meter's user manual. The meter should turn on automatically.

5. OPERATING INSTRUCTIONS (PERFORMING A CONTROL TEST)

Follow these steps to perform a control test:

1. **Apply Control Solution:** With the test strip inserted into the meter, remove the cap from the control solution vial. Squeeze the vial gently to dispense a small drop of control solution onto the tip of the test strip. Ensure the test strip absorbs enough solution to start the test.
2. **Wait for Result:** The meter will begin counting down. Do not remove the test strip until the result is displayed.
3. **Record Result:** Note the control test result displayed on the meter.
4. **Compare to Range:** Compare the displayed result with the acceptable range printed on the Contour TS test strip vial label. The result should fall within this specified range.
5. **Cap Vial:** Immediately replace the cap on the control solution vial after use to prevent contamination and evaporation.

6. MAINTENANCE AND STORAGE

- **Storage Conditions:** Store the control solution vial tightly capped at room temperature (15°C - 30°C or 59°F - 86°F). Do not refrigerate or freeze.
- **Shelf Life:** The control solution is stable until the expiration date printed on the label when stored unopened. Once opened, the control solution is typically stable for 90 days or until the expiration date, whichever comes first. Write the date you opened the vial on the label to track its usability.
- **Cleanliness:** Keep the vial and its cap clean. Avoid touching the dispenser tip.
- **Disposal:** Dispose of the control solution vial and any used test strips responsibly, following local

guidelines for medical waste.

7. TROUBLESHOOTING

If your control test result falls outside the acceptable range, consider the following:

- **Check Expiration Dates:** Ensure both the control solution and test strips are not expired.
- **Storage Conditions:** Verify that the control solution and test strips have been stored correctly, away from extreme temperatures or direct sunlight.
- **Application Technique:** Ensure you applied enough control solution to the test strip and that the strip absorbed it properly.
- **Vial Contamination:** Check if the control solution vial tip has touched any surface, potentially causing contamination.
- **Meter Malfunction:** If all other factors are ruled out, your meter may require servicing. Refer to your Contour TS meter's user manual for troubleshooting specific error codes or contact customer support.
- **Repeat Test:** Perform another control test with a new test strip and fresh control solution. If the result is still out of range, do not use your meter for blood glucose testing until the issue is resolved.

8. SPECIFICATIONS

- **Product Name:** Contour TS Low Level Control Solution
- **Manufacturer:** Bayer
- **Volume:** 2.5 mL per vial
- **Type:** Low Level
- **Intended Use:** For *in vitro* diagnostic use with Contour TS Blood Glucose Monitoring Systems
- **Storage Temperature:** 15°C - 30°C (59°F - 86°F)
- **Item Weight:** Approximately 0.01 ounces
- **UPC:** 301937109010

9. WARRANTY AND SUPPORT

For specific warranty information regarding the Bayer Contour TS Low Level Control Solution, please refer to the documentation provided with your Contour TS Blood Glucose Monitoring System or contact Bayer customer support directly. General product information and support can often be found on the official Bayer website.

Manufacturer: Bayer

Website: www.bayer.com

For technical assistance or to report product issues, please use the contact information provided in your meter's user manual or on the Bayer website.