

**081105T4DAP**

**DAIRY PLANT MANAGEMENT LEVEL 5**

**DA/OS/PM/CR/01/5/B**

**Procure Raw Milk**

**Nov/Dec 2024**



**TVET CURRICULUM DEVELOPMENT, ASSESSMENT AND CERTIFICATION  
COUNCIL (TVET CDACC)**

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**PRACTICAL ASSESSMENT**

**INSTRUCTIONS TO ASSESSOR**

1. Assess the candidate as the practical progresses observing the critical areas
2. You are required to mark the practical as the candidate perform the tasks
3. You are required to take video clips at critical points
4. Ensure the candidate has a name tag and registration code at the back and front

## OBSERVATION CHECKLIST

<b>Candidate's Name &amp; Registration Code</b>			
<b>Assessors Name &amp; Registration Code</b>			
<b>Venue of Assessment</b>			
<b>Date of Assessment</b>			
<b>Items to be Evaluated:</b> <i>Please award marks as appropriate. Give a brief comment on your observation.</i>	<b>Marks Available</b>	<b>Marks Obtained</b>	<b>Comments</b>
<b>TASK 1: Prepare resazurin solution</b>			
1. Wore the right PPEs <ul style="list-style-type: none"> <li>• Apron or dust coat</li> <li>• White gumboot</li> <li>• Hair net /cap</li> </ul> <i>(Award 1 mark each)</i>	<b>3</b>		
2. Assembled the materials required for the practical <ul style="list-style-type: none"> <li>• Resazurin tablet</li> <li>• Distilled water</li> <li>• Measuring cylinder 100 ml</li> <li>• Towel</li> </ul> <i>(Award ½ mark each)</i>	<b>2</b>		
3. Sterilized the container using hot water <i>(Award 2 marks or zero)</i>	<b>2</b>		
4. Dissolved one standard resazurin tablet in 50mls of sterile distilled water. <i>(Award 3 marks or zero)</i>	<b>3</b>		
<b>Sub-total 1</b>	<b>10</b>		
<b>TASK 1: Carry out Resazurin test</b>			

5. Collected milk sample from milk churn (Award 2 marks or zero)	<b>2</b>		
6. Sterilized the test tube and pipette with hot water. (Award 3 marks or zero)	<b>3</b>		
7. Measure 10mls of milk sample into 2 sterile test tubes using a sterile pipette. (Award 4 marks or zero)	<b>4</b>		
8. Cork and place in a water bath (37°C) for 5 minutes. (Award 4 marks or zero)	<b>4</b>		
9. Using a sterilized pipette add 1ml resazurin solution into one of the test tubes the other is left blank. (Award 4 marks or zero)	<b>4</b>		
10. Insert stopper and invert twice to mix. (Award 4 marks or zero)	<b>3</b>		
11. Return to water bath at 37°C for 10 minutes. (Award 4 marks or zero)	<b>4</b>		
12. Remove from water bath. (Award 2 marks or zero)	<b>2</b>		
13. Compared the color with the reference charts to determine the quality milk sample collected. (Award 2 marks or zero)	<b>2</b>		
14. Cleaned the equipment used in the practical and returned them into their appropriate storage facility (Award 2 marks or zero)	<b>2</b>		
<b>Sub-Total 2</b>	<b>30</b>		

<b>GRAND TOTAL</b>	<b>40</b>		
<b>ASSESSMENT OUTCOME</b>			
<p>The candidate was found to be:</p> <p>Competent <input type="checkbox"/> Not yet Competent <input type="checkbox"/></p> <p><i>(Please tick as appropriate)</i></p> <p><i>(The candidate is competent if the candidate obtains at least 50%)</i></p>			
<b>Feedback from the Candidate:</b>			
<b>Feedback to the Candidate:</b>			
<b>Candidate Signature</b>		<b>Date:</b>	
_____		_____	
<b>Assessor's Signature</b>		<b>Date</b>	
_____		_____	