



LSB Products, A Division of ALTECA, Ltd.
731 McCall Rd. Manhattan, KS 66502
1-785-537-9773

WHEAT-CHEK INSTRUCTIONS

Contents:

- 2 Three-well spot reaction plates
- 1 Reagent 1- Color
- 2 Reagent 2- Buffer
- 1 Reagent- Empty Bottle
- 1 Spatula
- 1 10ml Graduated Cylinder

Procedures:

1. Place small amount of the ground whole wheat into one well of the reaction plate. Also place 1 paper disc (blank) into a separate well to serve as a control.
2. Prepare Reagent by mixing Color Reagent to Assay Buffer in a 1:10 ration. [i.e 1 drop to 10 drops or 1 ml to 10 ml]. Make Reagent fresh daily or every few hours if the room temperature is above 75 degrees F (24 degrees C).
3. Moisten the sample and blank with 5 or more drops of fresh prepared Reagent in well of the reaction plate. {Make sure the sample is fully wetted and excess reagent remains. If it is all absorbed by the sample add additional reagent.]
4. Allow mixture to react at room temperature for 10-20 minutes, preferably in the dark. The reaction plate may be covered with a dark lid to give dark conditions.
5. Any blue color is a positive test. Evaluate visually the activity by the blue color according to the following scale:

Dark Blue- Desired Color

Light Blue- Nutritional Value Has Depleted

Respectfully,
LSB PRODUCTS
A Div. of ALTECA LTD.

Dr. Lynn S. Bates