



DATE: 26/4/05

DETERMINATION OF STARCH DAMAGE

Sample	Weight. (mg)	Absorbance values 510nm	Average absorbance (510 nm)	Starch Damage (% w/w) “as is” basis = E x F/W x 8.1
1. Wheat flour control (Lot 50401)	102.4	0.624/ 0.620/ 0.628/0.623	0.624	6.60
2. Wheat flour control (Lot 50401)	97.3	0.595/ 0.622/ 0.601/ 0.617	0.609	6.78
3. Wheat flour control (Lot 50401)	100.4	0.608/ 0.609/ 0.618/ 0.610	0.611	6.59
4. Wheat flour control (Lot 50401)	100.3	0.607/ 0.626/ 0.623 /0.633	0.631	6.81

150µg Glucose / Absorbance = 1.133 / 1.128 / 1.110 / 1.116; Average Abs. = 1.122; F = 133.7

Starch Damage,% = E x F x 90 x 1/1000 x 100/W x 162/180 = E x F/W x 8.1