



DATE: 26/4/05

DETERMINATION OF MIXED LINKAGE -GLUCAN (Streamlined Method)

Sample	Weight (mg)	Moisture content (%)	Corrected weight (mg)	Absorbance values (510nm)	Average absorbance (510nm)	-Glucan (% w/w) 'dwb'
1. Oat flour control (8.8%) lot 00101	107.4	10.2	96.45	1.005 / 1.017 / 1.020	1.014	8.84
2. Oat flour control (8.8%) lot 00101	100.8	10.2	90.82	0.989 / 0.975 / 0.982	0.982	9.09
3. Barley flour control (4.4%) lot 40801	112.2	9.2	101.88	0.542 / 0.561 / 0.555	0.553	4.56
4. Barley flour control (4.4%) lot 40801	85.4	9.2	77.54	0.397 / 0.410 / 0.405	0.404	4.38

Glucose/100µg = 1.002 / 1.004 / 1.008 / 1.010 ; Average = 1.006 ; F = 99.4

-Glucan, (% w/w) = **E x F/W x 8.46** (for cereal samples).....Megazyme booklet (Pg. 13)