



DATE:4/11/05

DETERMINATION OF GALACTOMANNAN

Sample	Weight (mg)	Absorbance, (340 nm, A <sub>1</sub> )	Absorbance (340 nm, A <sub>2</sub> )	Absorbance (A <sub>2</sub> - A <sub>1</sub> ) (340 nm)	Absorbance (A <sub>2</sub> - A <sub>1</sub> ) - Blank (340 nm)	Galactomannan (% w/w as is)
1 Control bank; Lot 31204 (No Solution 4 added)	98.7	0.080	0.081	0.001	-	-
2 Control flour; Lot 31204; 36% 'as is'	98.7	0.103	0.909	0.806	0.805	34.66
3 Control flour; Lot 31204; 36% 'as is'	101.6	0.105	0.938	0.833	0.832	35.78
4 Control flour; Lot 31204; 36% 'as is'	101.6	0.103	0.918	0.815	0.814	35.00
5 Control flour; Lot 31204; 36% 'as is'	100.2	0.105	0.930	0.825	0.824	35.43
6 Reagent blank	-	0.086	0.088	0.002	-	-
7 Galactose Standard (0.4g/L; 0.1mL)	-	0.075	0.553	0.478	0.476	0.4 g/L galactose
8 Galactose Standard (0.4g/L; 0.1mL)	-	0.076	0.558	0.482	0.480	0.403g/L galactose