



# Mega-Calc™ Data Calculator

## Barley and Oat β-Glucan (K-BGLU) - Determination



Setting New Standards in Test Technology

### Sample details

K-BGLU, 07/11/2019

### Absorbance values for 100 micrograms of D-glucose standard

Rep. 1	Rep. 2	Rep. 3	Rep. 4	Average
1.0629	1.0433	1.0672	1.0735	1.0617

Factor: 94.1863

	Sample identifier	Absorbance values			Sample volume (mL)	Dilution (-fold)	Beta-Glucan (mg/L) "as is"	Sample weight (mg)	Extract volume (mL)	Beta-Glucan (g/100 g) "as is"	Moisture Content %	Beta-Glucan (g/100 g) "dwb"	
		Blank	Sample	Δ Abs									
1	Barley control, Lot 60301, 4.1% "dwb"	0.0223	0.5008	0.5120	0.4841	0.10	1	410.3605	104.1	9.4	3.7055	10.9	4.1588
2	Barley control, Lot 60301, 4.1% "dwb"	0.0193	0.4990	0.5050	0.4827	0.10	1	409.1738	102.9	9.4	3.7378	10.9	4.1951
3	Barley control, Lot 60301, 4.1% "dwb"	0.0191	0.4872	0.4902	0.4696	0.10	1	398.0692	101.1	9.4	3.7011	10.9	4.1539
4	Barley control, Lot 60301, 4.1% "dwb"	0.0222	0.5097	0.4852	0.4753	0.10	1	402.8586	102.7	9.4	3.6873	10.9	4.1384
5						0.10	1			9.4			
6	Oat control, Lot 160907, 7.5% "dwb"	0.0225	0.9232	0.9037	0.8910	0.10	1	755.2379	100.1	9.4	7.0921	6.3	7.5690
7	Oat control, Lot 160907, 7.5% "dwb"	0.0228	0.9312	0.9278	0.9067	0.10	1	768.5889	102	9.4	7.0831	6.3	7.5593
8	Oat control, Lot 160907, 7.5% "dwb"	0.0248	0.9344	0.9553	0.9201	0.10	1	779.9053	103.6	9.4	7.0764	6.3	7.5521
9	Oat control, Lot 160907, 7.5% "dwb"	0.0185	0.9357	0.9010	0.8999	0.10	1	762.7823	100.8	9.4	7.1132	6.3	7.5915