



Mega-Calc™ Data Calculator

Total Starch (K-TSTA) - Determination - (Solids)

Setting New Standards in Test Technology



Sample details **K-TSTA, 07/11/2019**

Absorbance values for 100 micrograms of D-glucose standard

Rep. 1	Rep. 2	Rep.3	Rep.4	Average
1.0090	1.0050	1.0070	1.0080	1.0073

99.2802 Factor [=100 (micrograms of D-glucose)/Absorbance for 100 micrograms of D-glucose]

Extraction

Absorbance values

Results

	Sample identifier	Sample weight (W) (mg)	Extract Vol. (EV) (mL)	Absorbance values		Sample volume (mL)	Dilution (D) (-fold)	DAbs	Starch "as is" basis (g/100 g)	Moisture Content (%)	Starch "DWB" basis (g/100 g)
				Abs 1	Abs 2						
1	Regular Maize Starch Control, Lot 190701, 83%	97.2	10.20	0.8050	0.8050	0.1	11	0.8050	83.0286		
2	Regular Maize Starch Control, Lot 190701, 83%	98.1	10.20	0.8030	0.8170	0.1	11	0.8100	82.7778		
3	Regular Maize Starch Control, Lot 190701, 83%	97.5	10.20	0.8090	0.8200	0.1	11	0.8145	83.7500		
4	Regular Maize Starch Control, Lot 190701, 83%	99.3	10.20	0.8240	0.8250	0.1	11	0.8245	83.2414		